

# **ENVIRONMENTAL INVESTIGATION REPORT**

Performed For  
**SACHNOFF & WEAVER, LTD AND THE MUNIZ  
SUB-GROUP**

On The Property Occupied By  
**Magnetrol International, Inc.**  
**5300 Belmont Road**  
**Downers Grove, Illinois**

**May 18, 2006**



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1520 Kensington Road, Suite 204  
Oak Brook, Illinois 60523-2139  
Phone 630-993-2100  
Fax 630-993-9017  
[www.mostardiplatten.com](http://www.mostardiplatten.com)

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MOSTARDI PLATT PROJECT M061401

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## **1.0 EXECUTIVE SUMMARY**

Sachnoff & Weaver, Ltd., on behalf of The Muniz Sub-Group<sup>1</sup> (Client), retained MOSTARDI PLATT ENVIRONMENTAL (MPE) to perform an environmental investigation on the property occupied by Magnetrol International, Inc. (Magnetrol) located at 5300 Belmont Road in Downers Grove, Illinois (the Property) (Figures 1 and 2, Appendix A).

The Property is located in the Ellsworth Industrial Park area where the United States Environmental Protection Agency (USEPA) has investigated facilities for releases of chemicals into the subsurface. Magnetrol, the Property owner, has not been investigated for the potential presence of impact by volatile organic compounds (VOCs). MPE performed this environmental subsurface investigation to investigate if impact is present at the Property.

In order to investigate the Property for the presence of VOCs, MPE:

- Performed a visual inspection
- Collected subsurface soil samples
- Collected subsurface water samples
- Performed laboratory analyses of soil and or water

Specifically, MPE performed 11 Geoprobe<sup>®</sup> soil borings and three hollow stem auger soil borings from April 10 through 14, 2006. The three hollow stem auger soil borings were

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<sup>1</sup> Renard Corporation; Ames Supply Co.; The Morey Corporation; Scot Incorporated; Lindey Manufacturing Co.; Precision Band Products, Inc.; Tricom Industries, Inc.; Bison Gear & Engineering Corp; Arrow Gear Company; Principal Manufacturing Corp.; and Lovejoy, Inc.

completed as temporary monitoring wells. MPE collected subsurface water samples from two of the three temporary monitoring wells on April 12, 2006. MPE submitted selected soil and subsurface water samples for analysis of VOCs.

Based on our investigation, we have identified the following conclusions:

- Soil at the Property consists primarily of clay and sand, in certain soil borings, from the ground surface to a depth of at least 30 feet below ground surface (bgs).
- Soil from soil boring GP-1 (4-12) exhibited apparent heating oil odors. Soil from soil boring GP-2 (2-4) exhibited an apparent sweet odor and GP-9 (0.25-0.75) apparent petroleum odors.
- MPE encountered subsurface water in soil borings GP-4, HS-2, and HS-3 at the Property. MPE also noted several soil borings with moist zones at varying soil intervals.
- Laboratory analysis identified detectable concentrations of certain VOCs in soil samples collected from the Property. The detected compounds are commonly found in certain solvents.
- Soil borings GP-2 (0-4), GP-3 (6-8), GP-5 (4-6), and GP-11 (0-2) exhibited concentrations of certain VOCs that exceed TACO Tier 1 soil remediation objectives for commercial/industrial properties, construction workers, and/or the soil component of the groundwater exposure route for Class I and/or Class II groundwater. Soil borings GP-4 (4-8), GP-7 (0-2), GP-8 (0-2 and 6-8) exhibited detectable concentrations of VOCs; however, the detected concentrations did not exceed applicable TACO Tier 1 soil remediation objectives.
- Water samples collected from MW-2 and MW-3 did not exhibit detectable concentrations of VOCs.
- Trip blanks that accompanied samples in the cooler did not exhibit detectable concentrations of VOCs indicating that the presence of VOCs in certain soil samples was not a result of cross contamination in the cooler.
- The extent of soil impacted by VOCs detected in the subsurface at the Property was not determined during this investigation.

The aforementioned conclusions suggest that certain locations on the Property are impacted with certain VOCs that exceed applicable soil remediation objectives. In addition, the horizontal and vertical extent of impact by the identified VOCs was not completed as part of this investigation.

## **2.0 INTRODUCTION**

### **2.1 Purpose**

MPE performed this investigation in an effort to identify the presence of VOCs from the historical use of solvents at the Property, if any, in soil and/or subsurface water relative to the TACO<sup>2</sup> Tier 1 remediation objectives.

### **2.2 Authorization**

MPE began this environmental subsurface investigation following verbal authorization received from Mr. Edward V. Walsh, III of Sachnoff & Weaver, Ltd on behalf of the Client on April 4, 2006. MPE performed this environmental investigation subject to the terms and conditions of MPE Proposal 020721, dated April 7, 2006, which contains the scope of services, a cost estimate, and general conditions governing our services.

### **2.3 Standard of Care**

MPE conducted this environmental investigation in accordance with generally accepted practice in a manner consistent with that level of care ordinarily exercised by members of the industry currently performing environmental investigation in the same locality and under similar conditions of time and accessibility of improvements and information. MPE does not represent that this environmental investigation reflects findings of all information available for the Property nor is it representative of future Property conditions. Activity or episodes that transpire subsequent to this environmental investigation are not considered in this investigation. Furthermore, this report presents the findings and conclusions of our environmental investigation based on the conditions at the time we performed the work, which may be subject to change due to natural occurrences or human intervention. No other representations, expressed or implied, and no warranty or guarantee is included or intended to be part of this environmental investigation or report.

MPE formulated this report on the basis of a prescribed and defined scope of services considered appropriate on the date the service was authorized in writing, unless the scope of services or the methods used to perform them was later modified, in writing, and accepted by MPE prior to the performance of the service.

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<sup>2</sup> Title 35, *Illinois Administrative Code*, Part 742, entitled *Tiered Approach to Corrective Action Objectives* (TACO).

## **2.4 Limitation of Use**

This report is confidential and MPE has prepared it for Sachnoff & Weaver, Ltd. and The Muniz Sub-Group. No additional party may use the information contained in this report without MPE's, Sachnoff & Weaver, Ltd. and The Muniz Sub-Group's permission, in writing. MPE's duties and obligations extend to Sachnoff & Weaver, Ltd. and The Muniz Sub-Group and to no other party. MPE's duties and obligations to Sachnoff & Weaver, Ltd. and The Muniz Sub-Group are not transferable to any person, corporation, or organization without the express written consent of Sachnoff & Weaver, Ltd. and The Muniz Sub-Group and MPE. MPE is not responsible for the consequences arising from unauthorized third-party use of this report.

This report must be read and interpreted as a whole. Individual sections of this report and its appendices are dependent upon the balance of this report, and upon the terms, conditions, and stipulations contained in the proposal, the report, and any written amendments accepted by MPE.

## **3.0 PROPERTY DESCRIPTION**

### **3.1 Property Location and Description**

The Property is located north of Inverness Avenue, east of James Avenue, south of Wisconsin Avenue, and west of Belmont Road (Figure 2, Appendix A).

The surface of the Property is improved with a light commercial/industrial building, asphalt-paved parking, concrete-paved driveway and sidewalk areas, and decorative landscaping. Figure 3 (Appendix A) shows the general layout of the Property. The Property is serviced by commonly available urban utilities. The Village of Downers Grove currently provides drinking water and sanitary service to the Property.

### **3.2 Topography and Surface Water Runoff**

The topography of the Property is sloping with a maximum elevation difference estimated to be approximately 15 feet across the surface of the Property. The topographic map prepared by the United States Geological Survey (7.5 minute Wheaton, Illinois Quadrangle, 1993) indicates that the Property is approximately 745 feet above mean sea level and slopes to the north (Figure 4, Appendix A).

## **4.0 FIELD INVESTIGATION**

### **4.1 Utility Clearance**

Prior to performing any subsurface investigation at the Property, MPE's subcontractor C.S. Drilling, Inc. (CS Drilling), contacted the Joint Utility Locating Information for Excavators



service (JULIE) to request that utilities be identified. The JULIE representative issued A0932063 as the utility clearance confirmation number.

## 4.2 Field Investigation

The following is a summary of tasks completed during this investigation in the different areas of the Property (Figure 5, Appendix A).

<b>Table 1</b> <b>SOIL BORING LOCATION SUMMARY</b> <b>5300 Belmont Road</b> <b>Downers Grove, Illinois</b>		
<b>Area</b>	<b>Task Completed</b>	<b>Depth of Soil Boring in Feet <sup>a</sup></b>
Two, former heating oil tanks	Soil boring GP-1	26
Suspect former degreaser unit areas	Soil borings GP-2, GP-3, and GP-8	4 to 17.5
Chemical and former solvent and waste storage area	Soil borings GP-4 and GP-7	8 to 15.5
Former diked TCE Tank	Soil boring GP-5	12
Access door areas	Soil borings GP-9, GP-10, GP-11	12 to 14
Property boundary areas	Soil borings/monitoring well installation GP-6/HS-3/MW-3, HS-1/MW-1, HS-2/MW-2	14 to 30

<sup>a</sup> below ground surface

The following sections further describe the investigation activities in these areas.

### 4.2.1 Soil Boring Investigation

MPE performed 11 Geoprobe<sup>®</sup> soil borings and three hollow stem auger soil borings at the Property from April 10 through 14, 2006 under the supervision of Ms. Kimberly M. Janson, Project Manager of MPE. On April 12, 2006, Mr. Jeffrey A. Meyerhoff, Senior Project Manager of MPE, supervised the completion of monitoring well MW-1 and soil boring and monitoring well HS-2/MW-2. MPE selected the locations of the soil borings to address areas that may have been impacted<sup>3</sup> by prior use of solvent products at the Property.

CS Drilling advanced the soil borings to depths ranging from four to 30 feet bgs. CS Drilling used a truck, cart, and bobcat-mounted Geoprobe<sup>®</sup> to complete soil borings GP-1 through GP-11.

<sup>3</sup> MPE reviewed certain documents provided by Sachnoff & Weaver, Ltd. concerning a prior deposition about solvent usage at the Property. In addition, certain observations made on-site and information provided by representatives of Magnetrol assisted in soil boring location selection.

MPE utilized the cart-mounted Geoprobe® to complete soil borings inside the building due to its size and access issues (shelves, aisle widths). The Geoprobe® consists of a jackhammer-type sampler equipped with 2.5-inch diameter, 4-foot long, soil samplers utilizing dual-tub sampling methodologies. A plastic, sampling tube, approximately 1.25-inch in diameter, is inserted inside the Geoprobe® sampler and is hammered into the soil. The Geoprobe® sampler remains in the soil while the plastic sampling tube is removed containing the soil for sampling. In areas covered by concrete pavement or floors, CS Drilling used a coring device to penetrate the surficial covering allowing drilling.

To complete the remaining soil borings and installation of temporary monitoring wells, MPE utilized a truck-mounted, rotary-type drilling rig equipped with 3¼-inch hollow-stem augers and 2-inch diameter, 2-foot long split spoons. The split spoon is hammered into the soil below the auger flight to collect an undisturbed soil sample. Prior to collection of the next 2-foot sample, the hollow stem augers down to the depth of the collected 2-foot sample. Photographs documenting the field activities are included in Appendix B.

#### **4.2.2 Soil Sampling Procedures**

Prior to drilling activities with the Geoprobe® and hollow stem augers, CS Drilling decontaminated the equipment by steam cleaning in the designated decon area. The steam-cleaning unit reaches a temperature of approximately 210 degrees Fahrenheit. CS Drilling decontaminated nondisposable sampling equipment using an Alconox® soapy water wash and water rinse between samples during the completion of soil borings using hollow stem augers. Decontamination using these methods helps prevent cross-contamination from soil boring to soil boring or from sample to sample.

During Geoprobe® soil borings, MPE collected soil samples continuously from a 4-foot, dual-tube sampler hammered into the soil. During the completion of the hollow stem auger soil borings, MPE collected soil samples continuously from 2-foot, split spoon samplers hammered into the soil. MPE collected the soil from each sampler in discrete locations in 2-foot sections. MPE placed soil in EnCore™ Samplers<sup>4</sup> for VOC analysis and in 2-ounce or 4-ounce specially cleaned glass containers for moisture content analysis. We sealed the glass containers with Teflon®-lined, plastic screw-on closures and refrigerated the EnCore™ Samplers and glass containers for preservation of organic compound constituents. MPE placed a second sample in a Ziploc® bag from each interval to be field screened (see Section 4.2.3 for more detail).

After placing soil samples in the sample preservation cooler, MPE inspected the soil remaining in the Geoprobe® sampler or split spoon in an effort to determine soil type, color, odor, and appearance. MPE visually classified the soil in general accordance with the Unified Soil

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<sup>4</sup> According to the manufacturer, the EnCore™ Sampler meets the United States Environmental Protection Agency SW846-5035 VOC sampling requirements.

Classification System as per American Society for Testing and Material guidelines. Ms. Janson and Mr. Meyerhoff prepared the soil descriptions on the soil boring logs in conformance with this classification system. The soil boring logs are included in Appendix C.

Upon completion of each soil boring, MPE selected certain samples for laboratory analysis (see Section 5.1) and placed signed chain of custody seals on the samples. In addition, CS Drilling filled the open soil boring holes with a slurry grout from the bottom of the soil boring to ground surface by pumping the grout through a tremi-pipe while removing the samplers. CS Drilling prepared a slurry grout consisting of Portland cement, quick grout, and water for soil borings GP-1 through GP-8. For soil borings GP-9 through GP-11 and abandonment of the temporary monitoring wells, CS Drilling mixed quick grout and water for the slurry.

MPE and CS Drilling placed unused sample material, soil cuttings, decontamination water, and monitoring well water generated during drilling activities in 55-gallon steel storage drums that meet the United States Department of Transportation (DOT) transportable drum specifications. A total of 21 drums containing were left on the west side of the building next to the pallet storage area.

#### **4.2.3 On-Site Physical Analysis**

MPE screened each soil sample collected from the soil borings performed during this investigation approximately 10 minutes after at the time of collection with a MiniRAE Plus<sup>®</sup> photoionization detector (PID) equipped with a 10.6-electron-volt lamp. The use of a PID is widely accepted as a screening method for identifying the presence of organic vapors emanating from a soil sample relative to a known calibration gas. MPE calibrated the PID used in this investigation prior to the beginning of each day using a 100 parts-per-million gaseous calibration standard of isobutylene. When selecting the sample from a particular soil boring for laboratory analysis, MPE considered the information obtained from the PID along with the physical condition of the soil (e.g., odors, stains, and general appearance).

#### **4.2.4 Subsurface Water Monitoring Well Investigation**

MPE completed soil borings HS-1, HS-2, and HS-3 as temporary subsurface water monitoring wells MW-1, MW-2 and MW-3 respectively (Figure 5, Appendix A). CS Drilling constructed the monitoring wells using a 1-inch diameter, 5- or 10-foot long, 0.010-inch slot polyvinyl chloride (PVC) screen with a PVC riser. CS Drilling sand-packed the well screen with commercially available coarse sand material specifically produced for environmental well installations. CS Drilling filled the annulus (borehole space from the surface of sand to the ground surface) with bentonite grout pellets. The soil boring logs in Appendix C graphically depict the well construction.

MPE sampled the monitoring wells on April 12, 2006. Prior to sample collection, MPE purged at least three well volumes of water from each well. MPE collected each water sample with a PVC

bailer and placed in specially cleaned 40-milliliter glass containers, sealed with a Teflon-lined septa screw-on closure, and put on ice for preservation of organic compound constituents.

## 4.3 Property Soil Conditions

### 4.3.1 Soil Strata

Soil samples obtained during this investigation show that the Property generally consists of clay with varying amounts of sand and silt at the Property ground surface to 30 feet bgs. MPE observed seams of sand and occasionally silt in certain soil borings completed at the Property. The soil boring logs for the Property are included in Appendix C.

### 4.3.2 Soil with Apparent Stains and/or Odors

The soil borings summarized in the following table exhibited apparent stains and/or odors based on visual and olfactory indications only.

<b>Table 2</b> <b>SUMMARY OF APPARENT STAINS AND/OR ODORS</b> <b>5300 Belmont Road</b> <b>Downers Grove, Illinois</b>		
<b>Soil Boring</b>	<b>Depth in Feet <sup>a</sup></b>	<b>Description of Stains and/or Odors</b>
GP-1	4 to 8	Apparent heating oil odor
GP-1	8 to 12	Faint apparent heating oil odor
GP-2	2 to 4	Faint apparent sweet odor
GP-9	0.25 to 0.75	Faint apparent petroleum odors

<sup>a</sup> below ground surface

Visual and olfactory indications are not conclusive findings that petroleum or hazardous substances do or do not exist; rather, they are indications that the soil may have been impacted by an unknown compound. The most common way to verify the presence of a particular compound in soil is to perform confirmatory laboratory analysis using an appropriate method for the compounds of concern. Section 5.0, following, describes our selection of soil samples submitted for analysis and the analytical methods performed.

## 4.4 Subsurface Water

MPE encountered subsurface water in apparent fill/sand material (GP-4), clay (HS-2), and sand (HS-3) soil at varying depths of four feet to 29 feet. In other soil borings, MPE did not find or

encounter subsurface water to the depth penetrated by the soil borings. However, MPE identified several moist zones at varying soil intervals in certain soil borings.

## 5.0 LABORATORY ANALYSIS

### 5.1 Selection of Samples for Laboratory Analysis

MPE selected a minimum of one soil sample from each soil boring for laboratory analysis (except HS-3 since the location was adjacent GP-6). To select an individual soil sample for laboratory analysis, MPE considered the physical description of the soil sample at the time we collected it. We selected most samples because they exhibited the highest PID reading, the greatest degree of staining, or the strongest odor of petroleum-type and/or solvent-type compounds. We also selected samples from soil borings that did not exhibit any physical abnormalities from the same depth intervals from which other soil borings exhibited physical abnormalities, or we arbitrarily selected samples from a soil boring when no specific selection judgment was possible given the available information.

MPE selected the following samples for laboratory analysis.

<b>Table 3</b> <b>LABORATORY ANALYSIS SELECTION SUMMARY</b> <b>5300 Belmont Road</b> <b>Downers Grove, Illinois</b>			
<b>Area Number</b>	<b>Soil Boring</b>	<b>Depth in Feet <sup>a</sup></b>	<b>Reason Selected for Laboratory Analysis</b>
Two, former heating oil tanks	GP-1	4 to 6	Highest PID reading and apparent heating oil odors
Suspect former degreaser unit areas	GP-2	0 to 4	Highest PID reading and faint apparent sweet odor
	GP-3	6 to 8	Highest PID reading
	GP-8	0 to 2	Soil directly beneath the floor
	GP-8	6 to 8	Highest PID reading
	GP-8	14.5 to 16	HOLD-Potential analysis
Chemical and former solvent and waste storage room	GP-4	4 to 8	Highest PID reading
	GP-7	0 to 2	Highest PID reading
	GP-7	2 to 4	HOLD-Potential analysis
	GP-7	4 to 6	HOLD-Potential analysis
Former diked TCE tank	GP-5	4 to 6	Highest PID reading
	GP-5	6 to 8	HOLD-Potential analysis



<p align="center"><b>Table 3</b>  <b>LABORATORY ANALYSIS SELECTION SUMMARY</b>  <b>5300 Belmont Road</b>  <b>Downers Grove, Illinois</b></p>			
<b>Area Number</b>	<b>Soil Boring</b>	<b>Depth in Feet <sup>a</sup></b>	<b>Reason Selected for Laboratory Analysis</b>
Access door areas	GP-9	2 to 4	HOLD-Potential analysis
	GP-9	8 to 10	Highest PID reading
	GP-10	0 to 4	Highest PID reading
	GP-10	10 to 12	HOLD-Potential analysis
	GP-11	0 to 2	Second highest PID reading and shallow depth
	GP-11	4 to 6	HOLD-Potential analysis
	GP-11	12 to 14	Highest PID reading
Property boundary areas	GP-6	4 to 6	Sandy seams in soil
	HS-1	4 to 6	Highest PID reading
	HS-1	6 to 8	HOLD-Potential analysis
	HS-1	8 to 10	HOLD-Potential analysis
	HS-2	10 to 12	Highest PID reading
	HS-3	16 to 18	HOLD
	HS-3	26 to 28	HOLD
	MW-2	Not applicable	Water sample
	MW-3	Not applicable	Water sample

<sup>a</sup> Below ground surface

## 5.2 Chain-of-Custody and Sample Handling Methods

MPE transmitted selected soil samples to Test America, Inc. (Test America) of Buffalo Grove, Illinois, for laboratory analysis using standard Chain-of-Custody documentation procedures and handling requirements as set forth in the United States Environmental Protection Agency (USEPA) Publication SW-846 entitled *Test Methods for Evaluation of Solid Wastes*, Third Edition. MPE placed chain of custody seals on samples submitted to the laboratory for analysis and included a trip blank in the cooler each day for analysis for determination if cross contamination occurred in the cooler.

### **5.3 Laboratory Analytical Methods**

Test America analyzed the soil and water samples for VOCs using Method 5035/8260B. The aforementioned methods are described in the USEPA Publication SW-846 or American Society of Testing and Materials. Summaries of Test America's analytical results are presented in the tables in Appendix D. Laboratory analytical reports are included in Appendix E.

### **5.4 Laboratory Analysis Results**

Laboratory analytical results identified detectable concentrations of certain VOCs in certain samples submitted for analysis. The following sections discuss the analytical results for each area of the Property.

#### **5.4.1 Two, Former Heating Oil Tank Area Results**

Laboratory analysis of soil sample GP-1 (4-6) exhibited no detectable concentrations of VOCs. However, the detection limits for certain VOCs is higher than the most stringent soil remediation objectives. The laboratory report indicates that the sample was diluted due to the presence of high concentrations of non-target analytes and that certain quality control measurements associated with the sample did not meet the method acceptance criteria.

#### **5.4.2 Suspect Former Degreaser Units Area Results**

Laboratory analysis of selected soil samples from soil borings GP-2 (0-2), GP-3 (6-8), and GP-8 (0-2 and 6-8) exhibited detectable concentrations of certain VOCs. Specifically, the VOCs detected included *cis* 1,2-Dichloroethene (*cis* 1,2-DCE), 1,1-Dichloroethane (1,1-DCA), 1,1-Dichloroethene (1,1-DCE), tetrachlorethene (PCE), 1,1,1-Trichloroethane (1,1,1-TCA), and trichloroethene (TCE). The concentration of TCE in soil boring GP-2 exceeds TACO Tier 1 soil remediation objectives for the inhalation exposure route for industrial/commercial properties, construction workers, and the soil component of the groundwater ingestion exposure route for Class I and Class II groundwater. The concentration of TCE in soil boring GP-3 exceeds TACO Tier 1 soil remediation objectives for the soil component of the groundwater ingestion exposure route for Class I groundwater. In addition, soil boring GP-2 exhibited a concentration of PCE that exceeds TACO Tier 1 soil remediation objectives for the soil component of the groundwater ingestion exposure route for Class I groundwater but not Class II groundwater. The remaining VOCs detected in these locations did not exceed TACO Tier 1 soil remediation objectives. In addition, the laboratory report identified certain quality control measurements associated with these samples did not meet the method acceptance criteria. However, the results are still within an acceptable range that can be reported and it meets laboratory criteria.

#### **5.4.3 Chemical and Former Solvent and Waste Storage Area Results**

Laboratory analysis identified detectable concentrations of acetone in soil boring GP-4 (0-4) and 1,1,1-TCA in soil boring GP-7 (0 to 2). The detected concentrations do not exceed TACO Tier 1 soil remediation objectives. In addition, the laboratory report identifies the acetone to be a characteristic of a laboratory artifact and to be present in the method blank.

#### **5.4.4 Former Diked TCE Tank Area Results**

Laboratory analysis identified detectable concentrations of cis 1,2-DCE and TCE in soil boring GP-5 (4-6). The detected concentration of TCE exceeds TACO Tier 1 soil remediation objectives for inhalation exposure route for industrial/commercial properties, construction workers, and the soil component of the groundwater ingestion exposure route for Class I and Class II groundwater. The detected concentration of cis 1,2-DCE does not exceed TACO Tier 1 soil remediation objectives.

#### **5.4.5 Access Door Areas Results**

Laboratory analysis identified detectable concentrations of chloroform, 1,1-DCA, 1,2-Dichloroethane (1,2-DCA), 1,1-DCE, 1,1,1-TCA, 1,1,2-Trichloroethane (1,1,2-TCA), and TCE in soil boring GP-11 (0-2). The concentration of 1,1-DCE and 1,1,1-TCA exceed TACO Tier 1 for the soil component of the groundwater ingestion exposure route for Class I and Class II groundwater and the concentration of 1,1,2-TCA exceeds Class I component. The remaining detected compounds do not exceed TACO Tier 1 soil remediation objectives. In addition, no detectable concentrations of VOCs were identified in the soil samples analyzed from soil borings GP-9 (8-10) and GP-10 (0-4). In addition, certain quality control measurements associated with these samples did not meet the method acceptance criteria.

#### **5.4.6 Property Boundary Area Results**

Laboratory analysis did not identify detectable concentrations of VOCs in the soil samples analyzed from soil borings GP-6 (4-6), HS-1 (4-6), or HS-2 (10-12). Laboratory analysis did not identify detectable concentrations of VOCs in the water samples analyzed from MW-2, MW-3, and the QA/QC sample. In addition, certain quality control measurements associated with these samples did not meet the method acceptance criteria for the water samples. However, the results are still within an acceptable range that can be reported and it meets laboratory criteria.

#### **5.4.7 Trip Blank Results**

Analytical results identified no detectable concentrations of VOCs in the trip blanks submitted with the samples for analysis.

## 6.0 CONCLUSIONS

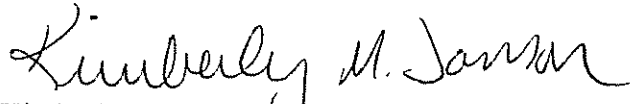
Based on reviews, field investigations, and laboratory analyses performed by MPE during this investigation and described in this report, the following conclusions are set forth.

- Soil at the Property consists primarily of clay and sand, in certain soil borings, from the ground surface to a depth of at least 30 feet bgs.
- Soil from soil boring GP-1 (4-12) exhibited apparent heating oil odors. Soil from soil boring GP-2 (2-4) exhibited an apparent sweet odor and GP-9 (0.25-0.75) apparent petroleum odors.
- MPE encountered subsurface water in soil borings GP-4, HS-2, and HS-3 at the Property. MPE also noted several soil borings with moist zones at varying soil intervals.
- Laboratory analysis identified detectable concentrations of certain VOCs in soil samples collected from the Property. The detected compounds are commonly found in certain solvents.
- Soil borings GP-2 (0-4), GP-3 (6-8), GP-5 (4-6), and GP-11 (0-2) exhibited concentrations of certain VOCs that exceed TACO Tier 1 soil remediation objectives for commercial/industrial properties, construction workers, and/or the soil component of the groundwater exposure route for Class I and/or Class II groundwater. Soil borings GP-4 (4-8), GP-7 (0-2), GP-8 (0-2 and 6-8) exhibited detectable concentrations of VOCs; however, the detected concentrations did not exceed applicable TACO Tier 1 soil remediation objectives.
- Water samples collected from MW-2 and MW-3 did not exhibit detectable concentrations of VOCs.
- Trip blanks that accompanied samples in the cooler did not exhibit detectable concentrations of VOCs indicating that the presence of VOCs in certain soil samples was not a result of cross contamination in the cooler.
- The extent of soil impacted by VOCs detected in the subsurface at the Property was not determined during this investigation.

Based on the analytical results, certain areas of the Property have been impacted by historic activities. MPE's environmental investigation was designed to identify areas of impact and therefore did not identify the vertical or horizontal extent of impact in most cases.

Sincerely,

MOSTARDI PLATT ENVIRONMENTAL

A handwritten signature in cursive script, reading "Kimberly M. Janson".

Kimberly M. Janson, PG  
Project Manager

REVIEW BY:

A handwritten signature in cursive script, reading "Jeffrey A. Meyerhoff".

Jeffrey A. Meyerhoff  
Senior Project Manager



## **APPENDICES**

Appendix A: Figures

Appendix B: Property Photographs

Appendix C: Soil Boring Logs

Appendix D: Analytical Summary Tables

Appendix E: Laboratory Analytical Reports

## Appendix A: Figures

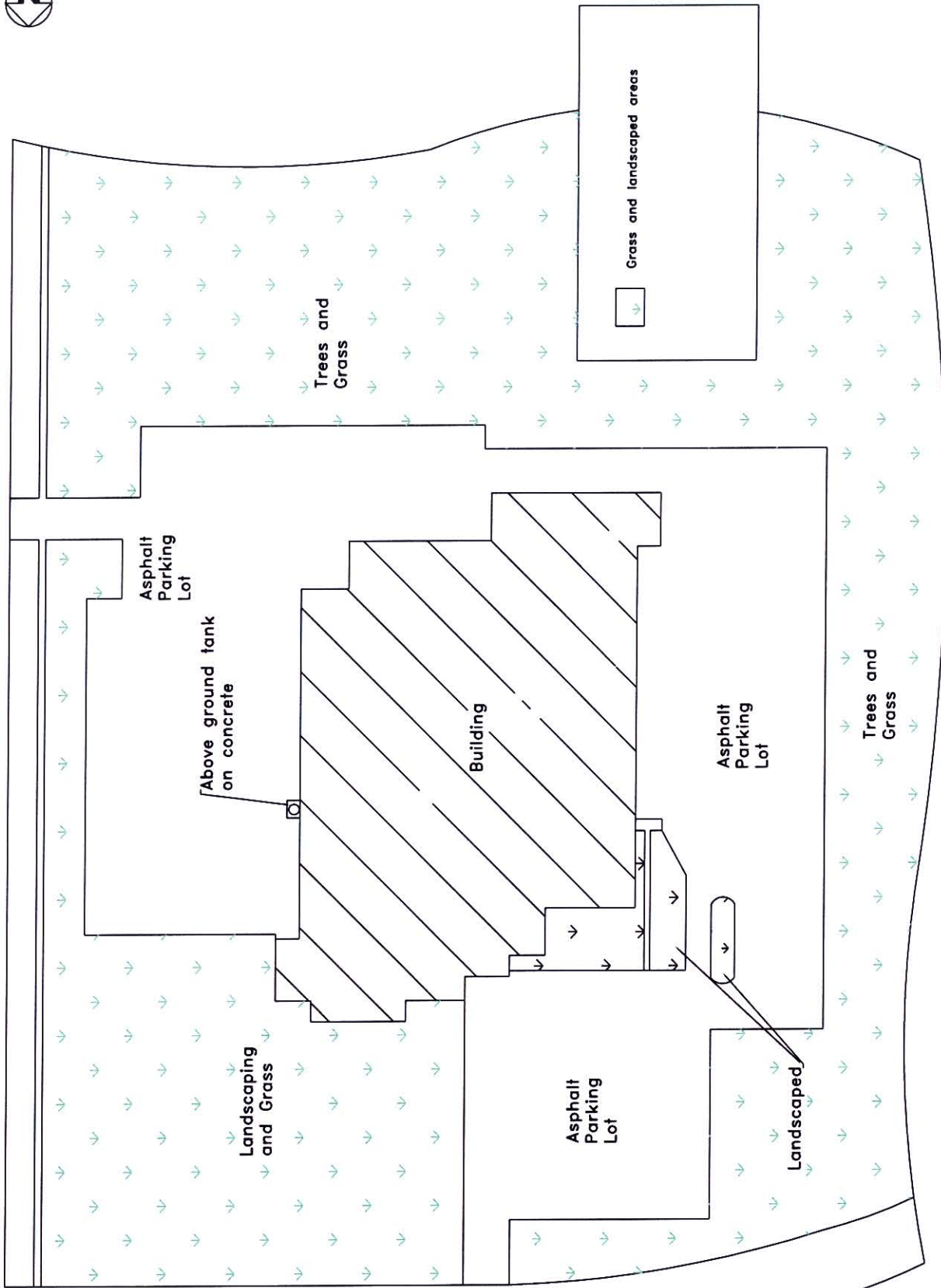
Figure 1  
Property Location Diagram




Figure 2  
Property Location



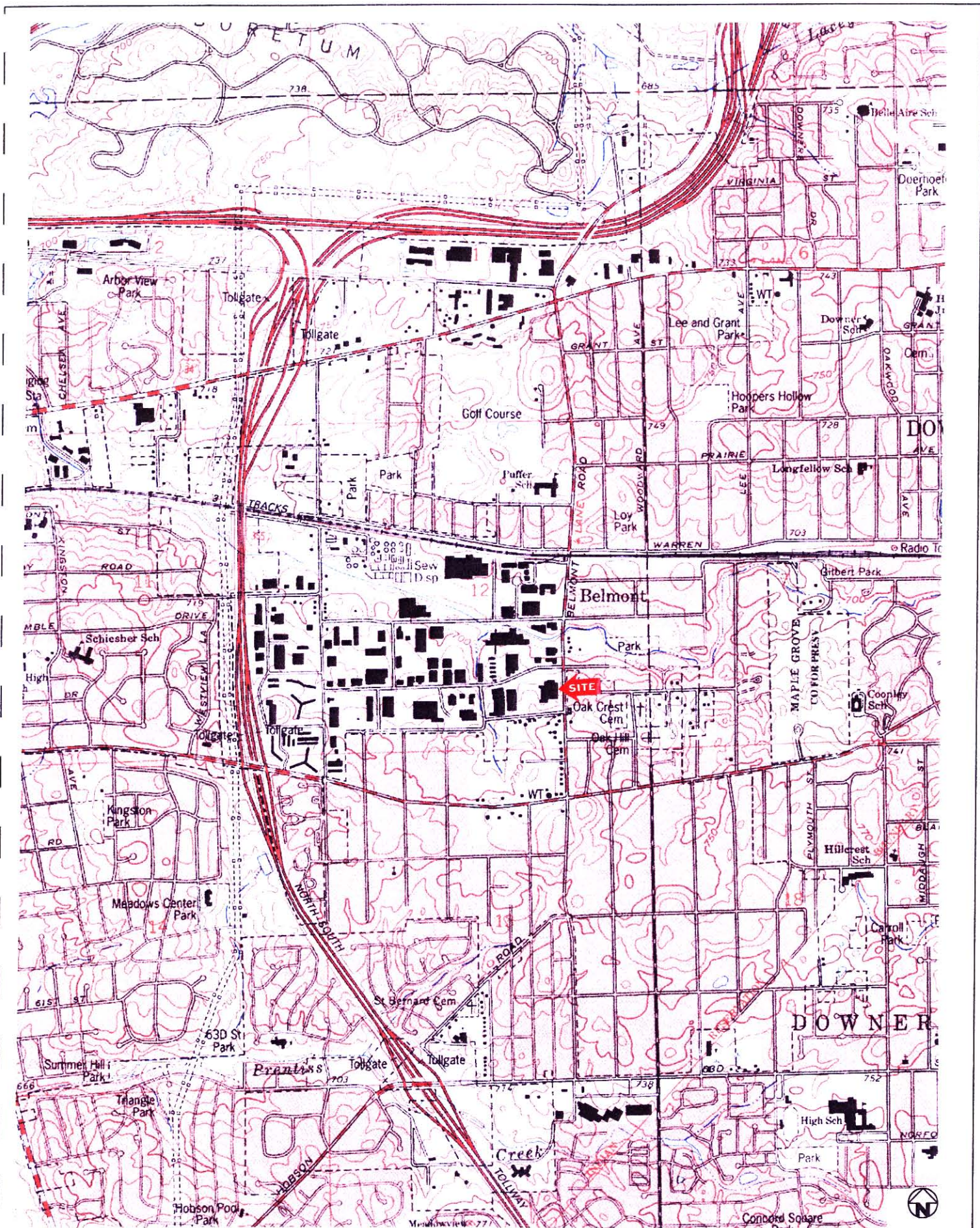




Wisconsin Avenue

		Revision No.	Title:		Figure 3		Date:
		Drawn by: KMJ	Property Configuration Diagram 5300 Belmont Road Downers Grove, Illinois		5/5/06		Approximate Scale: 1" : 100'
Reviewed by: KMJ		Project Number: M061401	Project Name: Sachnoff & Weaver Phase II		File Name: Site.dwg		









Belmont Road

Wisconsin Avenue

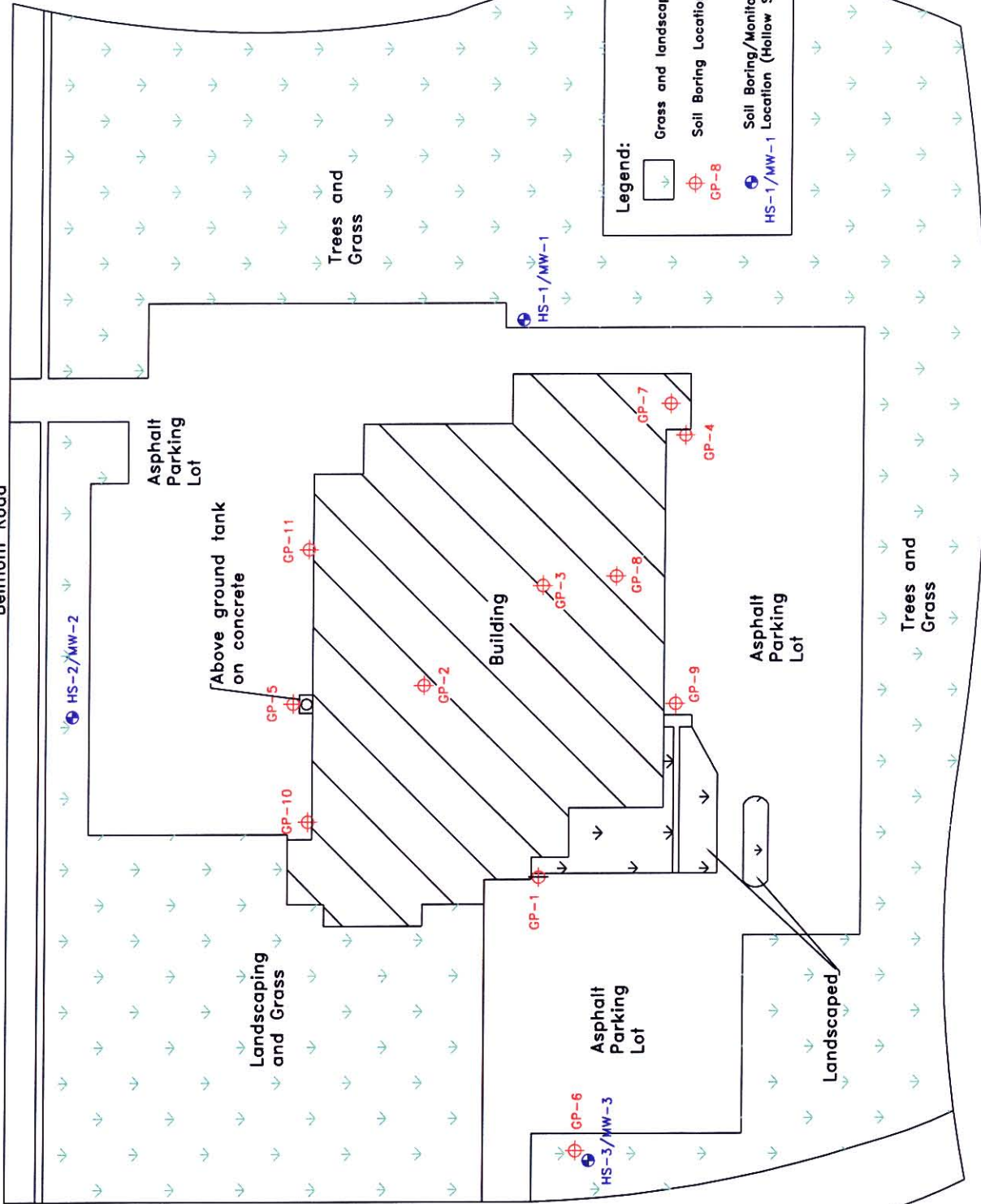


Figure 5

Soil Boring and Monitoring Well Location Diagram  
5300 Belmont Road  
Downers Grove, Illinois

Date:

5/5/06

Approximate Scale:

1" : 100'

File Name:

Site.dwg

Title:

Revision No.

Drawn by:

KMJ

Reviewed by:

KMJ

Project Number:

M061401

Project Name:

Sachnoff & Weaver Phase II

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## **Appendix B: Property Photographs**





SOIL BORING GP-1



SOIL FROM SOIL BORING GP-1





MIXING SLURRY GROUT



SLURRY GROUTING GP-1





DECON AREA FOR GP-1 THROUGH GP-3 – DECONING GP-1 EQUIPMENT



CONCRETE CORING THE LOCATION FOR SOIL BORING GP-2





SOIL BORING GP-2



SOIL FROM GP-2



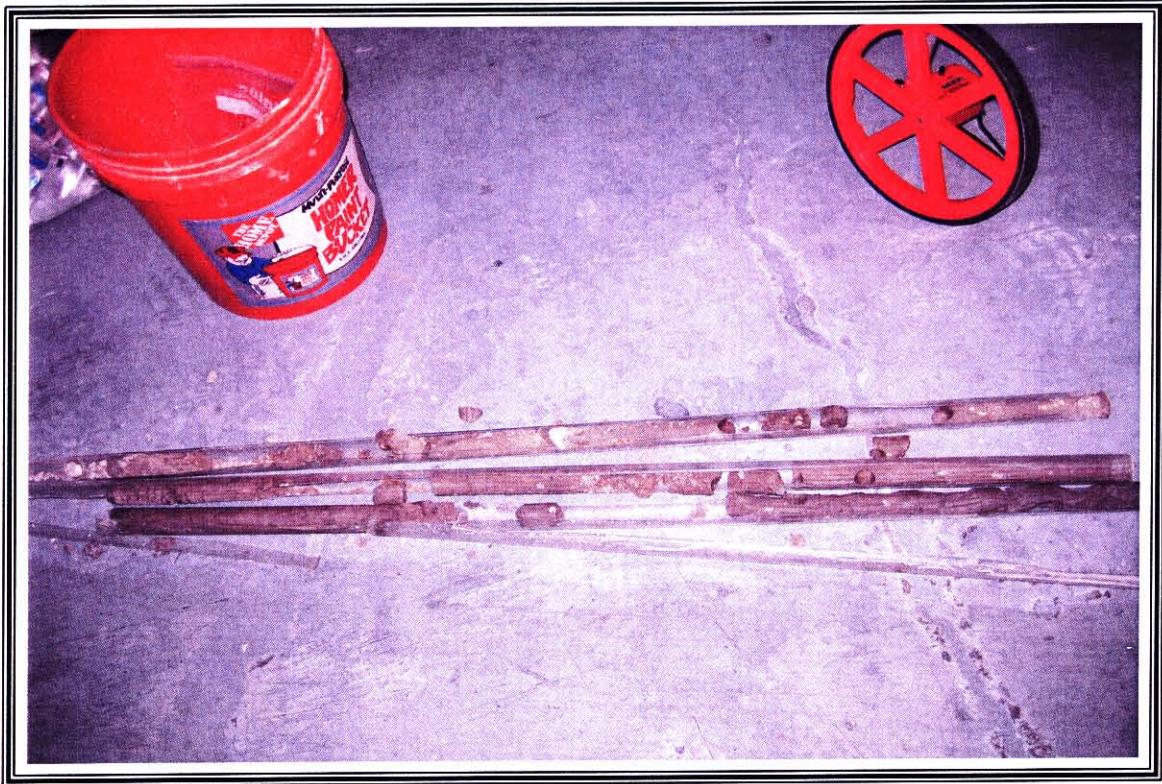


CONCRETE CORING GP-3



DRILLING SOIL BORING GP-3





SOIL FROM GP-3



SOIL BORING GP-4





SOIL FROM GP-4



TAPE MEASURE SHOWING AMOUNT OF WATER IN GP-4  
4- TO 8-FOOT INTERVAL



GROUTING SOIL BORING GP-4





SOIL BORING GP-5



SOIL FROM GP-5





SOIL BORING GP-5 FILLED WITH GROUT

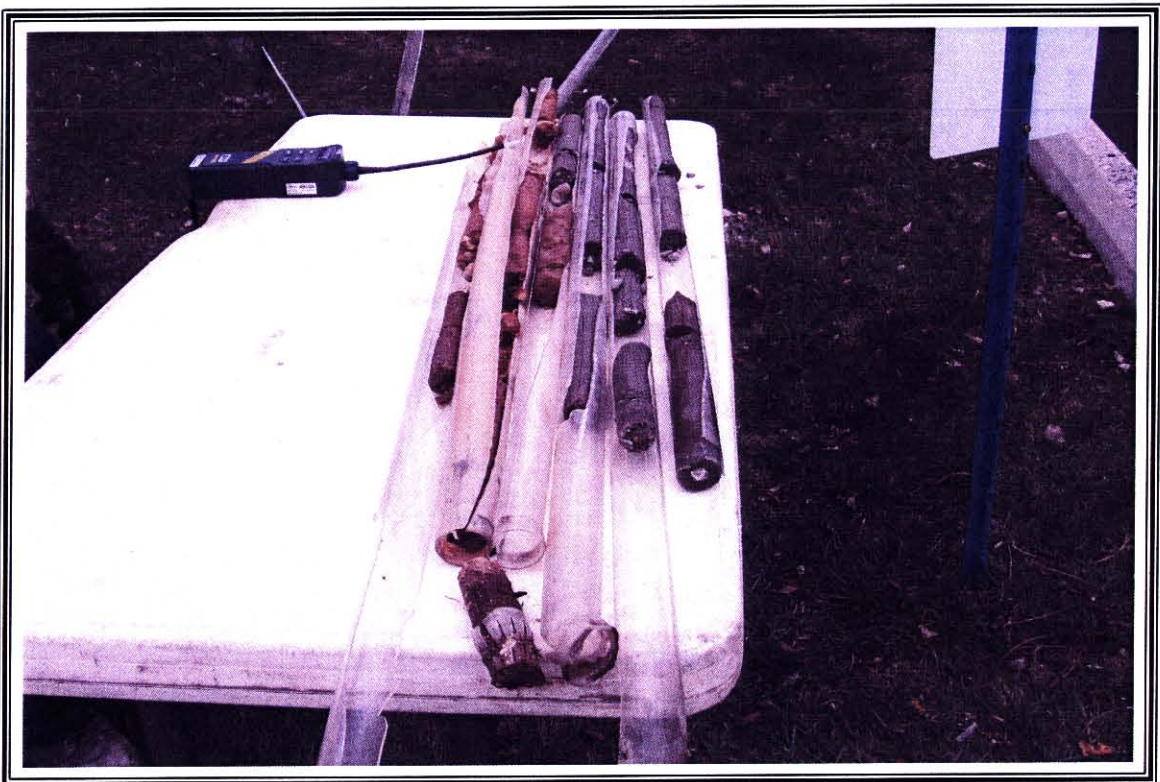


DECON TUB AND 55-GALLON STORAGE DRUMS – DECON AREA FOR SOIL BORINGS GP-4 THROUGH GP-11 AND HS-1 THROUGH HS-3





SOIL BORING GP-6



SOIL FROM GP-6





DECONING SPLIT SPOON SAMPLER BETWEEN USE



SOIL BORING HS-1





COMPLETED TEMPORARY MONITORING WELL MW-1 (HS-1)



SOIL BORING HS-2





SOIL SAMPLES COLLECTED FROM HS-2

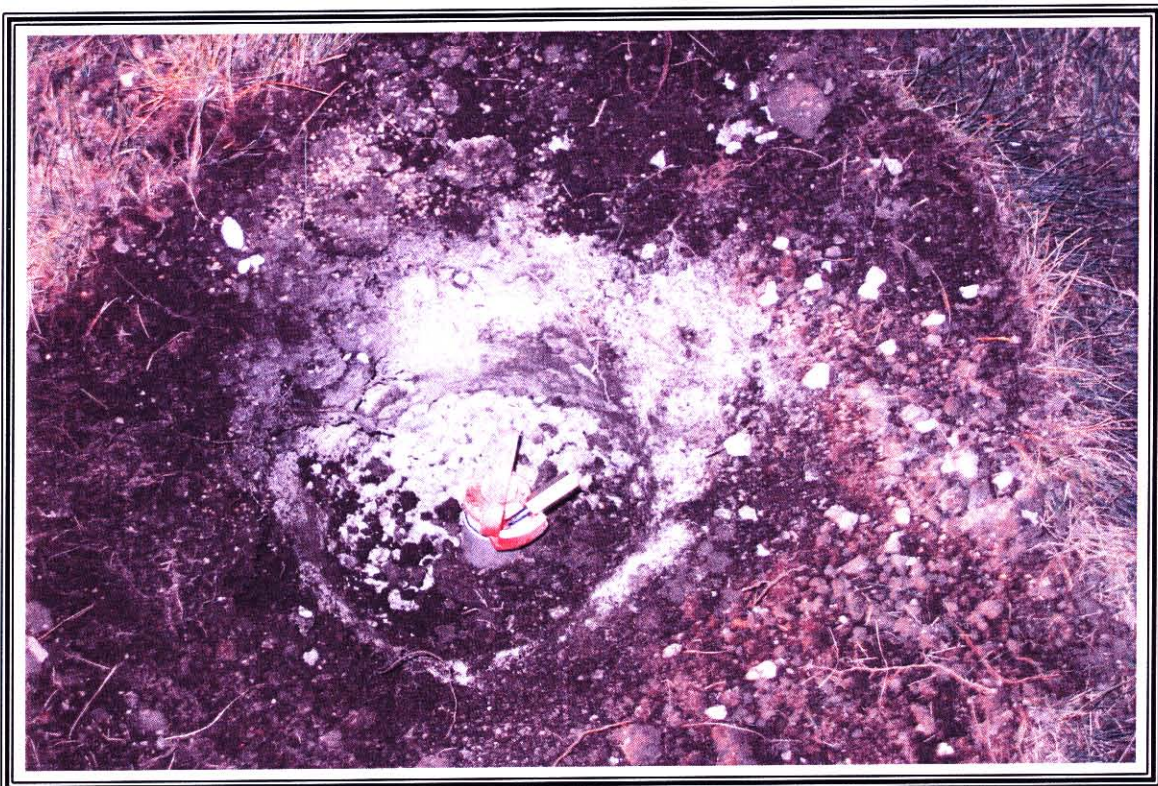


INSTALLING MONITORING WELL MW-2



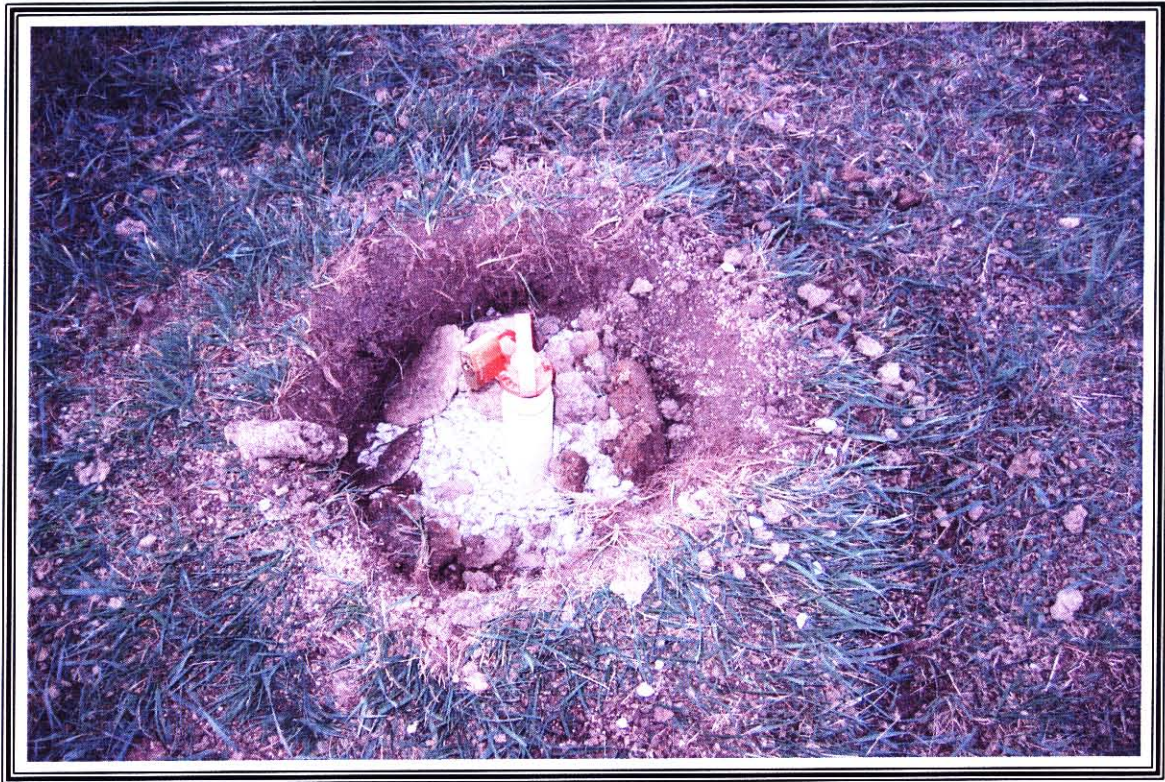


SOIL BORING HS-3



COMPLETED MONITORING WELL MW-3 WITH LOCK



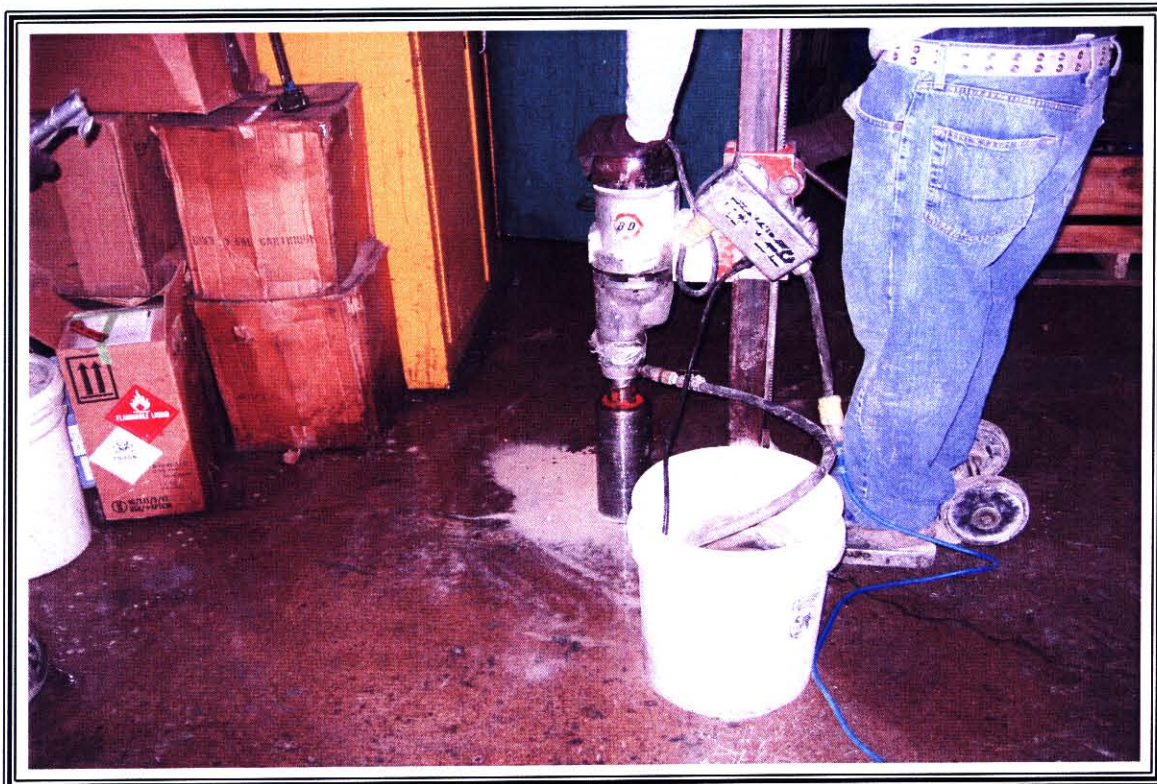


COMPLETED MW-2 WITH LOCK



COMPLETED MW-1 WITH LOCK





CONCRETE CORING FOR SOIL BORING GP-7



SOIL BORING GP-7





GROUTING SOIL BORING GP-7



CONCRETE CORING FOR SOIL BORING GP-8





DRILLING SOIL BORING GP-8



SOIL FROM GP-8



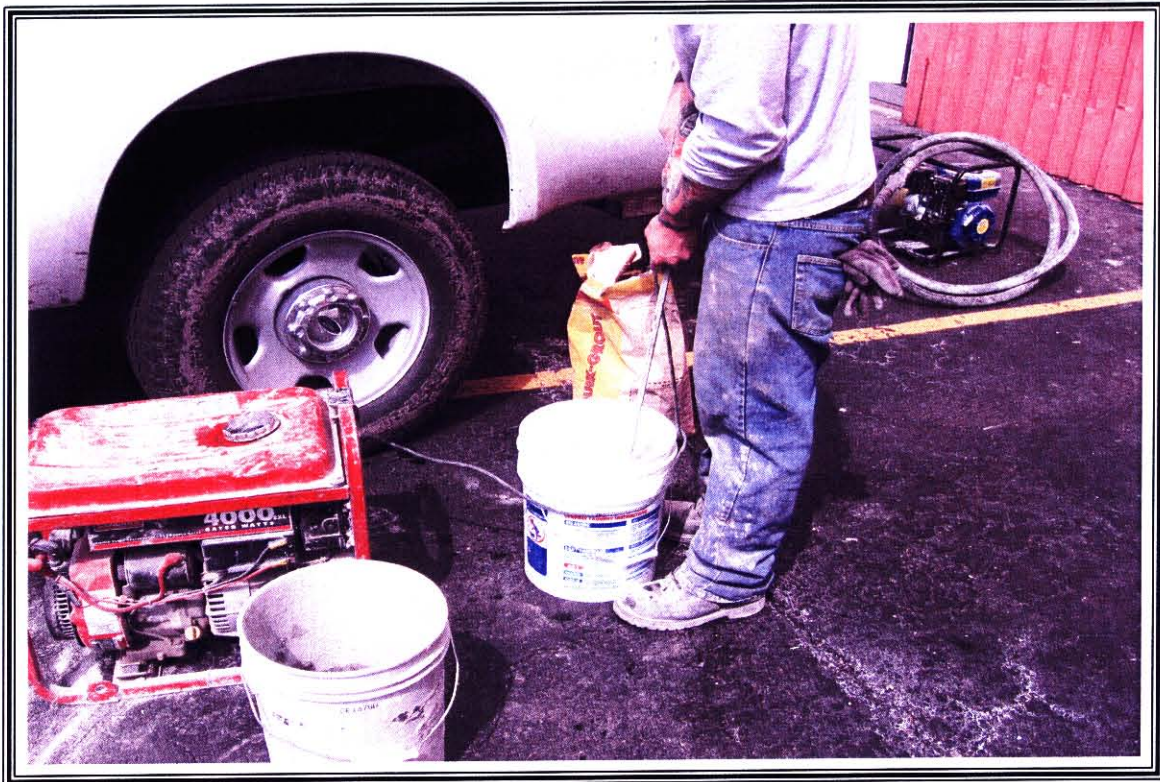


DRILLING SOIL BORING GP-9



SOIL FROM GP-9





PREPARING GROUT FOR GP-9



GROUTING SOIL BORING GP-9





PURGING WATER FROM MW-2



LOCATION OF SOIL BORING GP-10





SOIL BORING GP-11



SOIL FROM GP-11





GROUTING GP-11



REMOVING MW-1





MIXING GROUT FOR MW-1



GROUTING MW-1





REMOVING MW-3



GROUTING MW-3





REMOVING MW-2



CALIBRATION GAS, PHOTOIONIZATION DETECTOR (PID) AND COOLER USED DURING INVESTIGATION





TYPICAL CLEANING METHOD OF GROUTING EQUIPMENT DURING INVESTIGATION



DRUM STORAGE AREA



## Appendix C: Soil Boring Logs



# LOG OF BORING GP-1

(Page 1 of 1)

Magnetrol  
5300 Belmont Road  
Downers Grove, Illinois

Date Drilled : April 10, 2006  
Hole Diameter : 2.5-inch  
Drilling Method : Dual-Tube Sampling, Geoprobe (Bobcat and Truck)  
Drilling Company : C.S. Drilling, Inc.  
Boring Location : Former Heating Oil Tank Area

Total Depth : 26 Feet

Field Supervisor : Kim Janson, PG

MPE Project M061401

Depth in Feet	PID (ppm)	PID (ppm)	% Recovery	Water Levels	USCS	GRAPHIC	DESCRIPTION	Lab Sample Number	Laboratory Analysis
		0 50 100							
0					ASP		ASPHALT		
1									
2	0.0		10%		CL		CLAY, brown with some gray clay, moderate plasticity, moderately soft, trace fine- to medium-grained sand, fractured to rounded grains, dry to moist, no odors.		
3									
4									
5	89.4				CL		CLAY, brown with gray clay, moderate plasticity, and moderately soft, occasionally fine- to medium-grained sand, mostly semi-rounded, dry, apparent heating oil odor.	GP-1 (4-6)	VOCs
6									
7	0.0		60%						
8									
9									
10	0.0		25%		CL		CLAY, grayish brown clay, moderate plasticity, soft, occasional fine- to medium-grained sand, mostly semi-rounded, moist, faint apparent heating oil odor.		
11									
12									
13			0%		NR		No recovery, Geoprobe broke.		
14									
15			0%				No recovery.		
16									
17			0%		NR				
18									
19			0%						
20									
21	0.0		100%		SP		Less than 0.25 foot seam of brown, fine-grained sand, moderately round, dry, no odors.		
22					CL		CLAY, gray clay, high plasticity, stiff, trace fine-grained sand, fractured grains, dry, no odors. Brown fine-grained sand on outside of sample for top 1.5 feet.		
23			0%						
24									
25					NR		No recovery. Lost sampler in hole, could not retrieve.		
26							End of Boring at 26 Feet		

End of boring at 26 feet below ground surface (BGS).  
No subsurface water encountered.





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## LOG OF BORING GP-2

(Page 1 of 1)

Magnetrol  
5300 Belmont Road  
Downers Grove, Illinois

Date Drilled : April 10, 2006  
Hole Diameter : 2.5-Inch  
Drilling Method : Dual-Tube Sampling, Geoprobe (cart)  
Drilling Company : C.S. Drilling, Inc.  
Boring Location : By suspect former degreaser unit

Total Depth : 4 Feet

Field Supervisor : Kim Janson, PG

MPE Project M061401

Depth in Feet	PID (ppm)	PID (ppm)	% Recovery	Water Levels	USCS	GRAPHIC	DESCRIPTION	Lab Sample Number	Laboratory Analysis
	0	25	50						
0							CONCRETE		
					CONC				
1							CLAY, brownish gray clay, very stiff, low plasticity, fine-grained sand on outside of clay, trace fine- to coarse-grained sand, rounded, dry, no odor.		
					CL				
2	39.0	0	<50%				CLAY, same as above with faint apparent sweet odor.	GP-2 (0-4)	VOCs
					CL				
3							SAND, light brown sand, well sorted, dry, faint apparent sweet odor.		
					SP				
4							End of Boring at 4 Feet		

End of boring at 4 feet below ground surface (BGS).  
No subsurface water encountered.  
Refusal at 4 feet. Apparent crushed gravel.

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## LOG OF BORING GP-3

(Page 1 of 1)

Magnetrol  
5300 Belmont Road  
Downers Grove, Illinois

Date Drilled : April 10, 2006  
Hole Diameter : 2.5-Inch  
Drilling Method : Dual-Tube Sampling, Geoprobe (cart)  
Drilling Company : C.S. Drilling, Inc.  
Boring Location : By suspect former degreaser unit

Total Depth : 11 Feet

Field Supervisor : Kim Janson, PG

MPE Project M061401

Depth in Feet	PID (ppm)	PID (ppm)	% Recovery	Water Levels	USCS	GRAPHIC	DESCRIPTION	Lab Sample Number	Laboratory Analysis
0						CONC	CONCRETE		
1	1.7		90%		CL/SP		SANDY CLAY, brown with trace dark gray clay, sandy, moderately stiff to stiff, high plasticity, dry, no odors.		
2									
3	0.0								
4									
5	2.1				CL		CLAY, brown clay with some gray mottling, moderate plasticity, stiff, trace fine-grained sand, dry, no odors.		
6					SW		SAND, 2" sand seam, fine- to medium-grained, semi-rounded grains, dry, no odors.		
7	7.4		100%		CL		CLAY, brown clay with some gray mottling, moderate plasticity, stiff, trace fine-grained sand, silty, dry, no odors.	GP-3 (6-8)	VOCs
8									
9									
10	0.0		100%		CL		CLAY, brownish gray clay, moderately stiff, trace sand, moderate plasticity, dry, no odors.		
11							End of boring at 11 feet.		

End of boring at 11 feet below ground surface (BGS).  
No subsurface water encountered.  
Cart Geoprobe having difficulty going deeper than 11 feet.





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## LOG OF BORING GP-4

(Page 1 of 1)



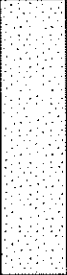

Magnetrol  
5300 Belmont Road  
Downers Grove, Illinois

Date Drilled : April 11, 2006  
Hole Diameter : 2.5-Inch  
Drilling Method : Dual-Tube Sampling, Geoprobe (truck)  
Drilling Company : C.S. Drilling, Inc.  
Boring Location : Outside a chemical storage room

Total Depth : 8 Feet

Field Supervisor : Kim Janson, PG

MPE Project M061401

Depth in Feet	PID (ppm)	PID (ppm)	% Recovery	Water Levels	USCS	GRAPHIC	DESCRIPTION	Lab Sample Number	Laboratory Analysis
		0 15 30							
0					ASP		ASPHALT		
							No recovery - apparent concrete with rebar and gravel fill.		
1									
2			0%		NR				
3									
4									
5					SW		SAND, approximate 14" water on top of brown with pepper speckled, fine- to coarse-grained sand to medium-grained gravel, wet, no odors.		
6	0.1	0	75%				Clayey sand at base.		
7					CL		CLAY, gray clay, moderately stiff, moderate plasticity, moist to dry, no odors.	GP-4 (4-8)	VOCs
8									
End of boring at 8 feet.									

End of boring at 8 feet below ground surface (BGS).  
Subsurface water encountered at 4 feet bgs.  
Ended boring due to water.



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## LOG OF BORING GP-5

(Page 1 of 1)

Magnetrol  
5300 Belmont Road  
Downers Grove, Illinois

Date Drilled : April 11, 2006  
Hole Diameter : 2.5-Inch  
Drilling Method : Dual-Tube Sampling, Geoprobe (truck)  
Drilling Company : C.S. Drilling, Inc.  
Boring Location : By former diked TCE tank on east side of building

Total Depth : 12 Feet

Field Supervisor : Kim Janson, PG

MPE Project M061401

Depth in Feet	PID (ppm)	PID (ppm)	% Recovery	Water Levels	USCS	GRAPHIC	DESCRIPTION	Lab Sample Number	Laboratory Analysis
0		0 15 30					ASP ASPHALT		
1	0.0		75%		CL		CLAY, brown and gray mottled clay, small pockets, <3 mm in diameter of fine-grained sand, some plasticity, more brittle, stiff, dry, no odors.		
2					CL		Same as above with faint petroleum odors.		
3	0.0				CL		Same as above except no odors.		
4					CL		Less than 2-inch sand and gravel seam at 2.5 feet, dry.		
5	22.8		100%		CL		CLAY, brown with seams of gray clay, some sandy clay, moderate plasticity, stiff, trace sand when not sandy, dry, no odors.	GP-5 (4-6)	VOCs
6					CL		CLAY, brown clay, with fine- to coarse-grained sand, moderate plasticity, stiff, dry, no odors.		
7	17.2				CL		CLAY, brown clay, sandy in spots, high plasticity, stiff, trace coarse-grained sand, dry, no odors.		HOLD
8					CL		CLAY, brown clay, high plasticity, moderately soft to stiff, trace fine- to coarse-grained sand and gravel, dry, no odors.		
9	1.0		100%		CL				
10					CL				
11	0.0								
12							End of boring at 12 feet.		

End of boring at 12 feet below ground surface (BGS).

No subsurface water encountered.

Difficulty matching Geoprobe rods after removal of last sample.

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# LOG OF BORING GP-6

(Page 1 of 1)

Magnetrol  
5300 Belmont Road  
Downers Grove, Illinois

Date Drilled : April 11, 2006  
Hole Diameter : 2.5-inch  
Drilling Method : Dual-Tube Sampling, Geoprobe (truck)  
Drilling Company : C.S. Drilling, Inc.  
Boring Location : Along Wisconsin Avenue

Total Depth : 16 Feet  
Field Supervisor : Kim Janson, PG

MPE Project M061401

Depth in Feet	PID (ppm)	PID (ppm)	% Recovery	Water Levels	USCS	GRAPHIC	DESCRIPTION	Lab Sample Number	Laboratory Analysis
0		0 15 30					TP GRASS and topsoil.		
1	0.0		75%		CL		CLAY, dark brown clay, stiff, moderate plasticity, occasional reddish oxidation, occasional sand, fine- to coarse-grained, dry, no odors.		
2									
3	0.0								
4									
5	0.0		100%		CL		CLAY, brown and reddish clay, silty and sandy in areas, high plasticity, moderately soft, moist, no odors.	GP-6 (4-6)	VOCs
6									
7	0.0				CL		CLAY, brown and reddish clay, high plasticity, moderately stiff, occasional sand fine- to medium-grained, moist, no odors.		
8					CL		CLAY, brown and gray clay, soft to stiff, trace fine-grained sand, dry, no odors.		
9	0.0		100%				CLAY, gray clay, moderate to low plasticity with depth, stiff, trace sand, fine-grained, dry, no odors.		HOLD
10					CL				
11	0.0		100%						
12									
13	0.0		100%		CL		CLAY, gray clay, moderately stiff, low plasticity, soft for 3" at approximately 12.5, trace fine-grained sand, dry, no odors.		
14									
15	0.0		100%		CL		CLAY, gray clay, moderate plasticity, areas of soft clay, mostly stiff, dry, no odors.		HOLD
16							End of boring at 16 feet		

End of boring at 16 feet below ground surface (BGS).

No subsurface water encountered.

Difficulty with samplers going deeper. Melting top of dual-tube sampler due to friction.



# LOG OF BORING GP-7

(Page 1 of 1)

Magnetrol  
5300 Belmont Road  
Downers Grove, Illinois

Date Drilled : April 12, 2006  
Hole Diameter : 2.5-Inch  
Drilling Method : Dual-Tube Sampling, Geoprobe (cart)  
Drilling Company : C.S. Drilling, Inc.  
Boring Location : Inside chemical storage room

Total Depth : 15.5 Feet

Field Supervisor : Kim Janson, PG

MPE Project M061401

Depth in Feet	PID (ppm)	PID (ppm)	% Recovery	Water Levels	USCS	GRAPHIC	DESCRIPTION	Lab Sample Number	Laboratory Analysis
		0 15 30							
0					CONC		CONCRETE		
1	13.8		100%		CL		CLAY, brown clay, trace sand, fine- to coarse-grained, trace fine-grained gravel, fractured to semi-rounded grains, stiff, moderate plasticity, dry, no odors.	GP-7 (0-2)	VOCs
2									
3	3.6						Stiff to moderately stiff.	GP-7 (2-4)	HOLD
4									
5	10.0		100%		CL		CLAY, brownish gray clay, occasional sand, fine- to coarse-grained, semi-angular grains, moderate plasticity, moderately soft to stiff at 6.5 feet, dry, no odors.	GP-7 (4-6)	HOLD
6									
7	9.9								
8									
9	8.4		100%		CL		CLAY, brownish gray clay, trace silt and sand, fine- to coarse-grained, semi-angular grains, moderate plasticity, stiff, dry, no odors.		
10									
11	7.4		100%						
12							Increasing plasticity.		
13	8.2		100%		CL		CLAY, gray clay, trace silt and sand, fine- to coarse-grained, semi-angular grains, moderate plasticity, stiff, dry, no odors.		
14									
15	7.0		50%						
End of boring at 15.5 feet									

End of boring at 15.5 feet below ground surface (BGS).

No subsurface water encountered.

Difficulty with samplers going deeper.

Note: 2-4 interval, bagged sample for PID, had hole in bag; therefore, PID reading inaccurate.





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# LOG OF BORING GP-8

(Page 1 of 1)

Magnetrol  
5300 Belmont Road  
Downers Grove, Illinois

Date Drilled : April 12, 2006  
Hole Diameter : 2.5-Inch  
Drilling Method : Dual-Tube Sampling, Geoprobe (cart)  
Drilling Company : C.S. Drilling, Inc.  
Boring Location : By suspect former degreaser unit

Total Depth : 17.5 Feet

Field Supervisor : Kim Janson, PG

MPE Project M061401

Depth in Feet	PID (ppm)	PID (ppm)	% Recovery	Water Levels	USCS	GRAPHIC	DESCRIPTION	Lab Sample Number	Laboratory Analysis
0						CONC	CONCRETE		
1	10.2	10.2	100%		FL		FILL, brown clay with sand fill, fine- to coarse-grained, fractured grains, some reddish oxidation, relatively brittle, dry, no odors.	GP-8 (0-2)	VOCs
2									
3	9.3	9.3	100%		FL		FILL, dark brown clay fill, trace brick and sand, fine- to medium-grained, fractured grains, low plasticity, stiff, dry, no odors.		
4									
5	9.3	9.3	100%		CL		CLAY, brown clay, trace sand, fine- to medium-grained, stiff, low plasticity, dry, no odors.		
6					CL/SP		Approximately 4-inch seam of sandy brown clay, dry.		
7	12.6	12.6	100%		CL		CLAY, brown clay, trace sand, fine- to medium-grained, stiff, low plasticity, dry, no odors.	GP-8 (6-8)	VOCs
8									
9	9.8	9.8	100%		CL		CLAY, brown clay, trace sand, medium- to coarse-grained, semi-rounded grains, moderately stiff, low plasticity, dry, no odors.		
10									
11	10.3	10.3	100%		CL/SP		SANDY CLAY, brown sandy clay, trace coarse-grained sand and silt, angular grains, moderately soft, moderate plasticity, dry, no odors.		
12									
13	5.0	5.0	100%		CL		CLAY, gray clay, trace fine-grained sand, stiff to moderately stiff, moderate plasticity, dry, no odors.		
14									
15	8.2	8.2	100%		CL/ML		SILTY CLAY, gray silty clay, high plasticity, soft, moist to dry at 15.5 feet, no odors.	GP-8 (14.5-16)	HOLD
16					SC		CLAYEY SAND, gray clayey sand, fine-grained, soft, moist, no odors.		
17	6.7	6.7	100%		CL		CLAY, gray clay, some silt, trace fine- to medium-grained sand, moderately soft, high plasticity, dry, no odors.		
18							End of boring at 17.5 feet		

End of boring at 17.5 feet below ground surface (BGS).  
No subsurface water encountered.  
Difficulty with samplers going deeper.



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## LOG OF BORING GP-9

(Page 1 of 1)

Magnetrol  
5300 Belmont Road  
Downers Grove, Illinois

Date Drilled : April 13, 2006  
Hole Diameter : 2.5-Inch  
Drilling Method : Dual-Tube Sampling, Geoprobe (truck)  
Drilling Company : C.S. Drilling, Inc.  
Boring Location : By access door on west side of building

Total Depth : 18 Feet  
Field Supervisor : Kim Janson, PG

MPE Project M061401

Depth in Feet	PID (ppm)	PID (ppm)	% Recovery	Water Levels	USCS	GRAPHIC	DESCRIPTION	Lab Sample Number	Laboratory Analysis
		0 15 30							
0					ASP		ASPHALT		
1	0.2		95%		FL		FILL, clay, sand, and gravel fill, coarse-grained, dry, faint apparent petroleum odors.		
2					CL		CLAY, brown and dark brown clay, occasional sand, trace reddish oxidation, stiff, moderate to low plasticity, dry, no odors.		
3	1.6							GP-9 (2-4)	HOLD
4									
5	1.5		100%		CL/SP		SANDY CLAY, brown sandy clay, fine- to medium-grained sand, moderately soft, high plasticity, dry, no odors. Increasing sand at 5 feet, moist.		
6									
7	0.0						Moist, some reddish tint to soil.		
8									
9	4.5		100%		CL/SP		SANDY CLAY, brown sandy clay, fine- to coarse-grained soft, moist, no odors.	GP-9 (8-10)	VOCs
10									
11	0.0		100%				Very moist from 10.5 to 11.5 feet.		
12									
13	0.0		100%		CL		CLAY, gray clay, trace sand and silt, high plasticity, moderately soft, moist on outside of sample but dry inside soil sample, no odors.		
14									
15	1.8		100%		CL/SP		SANDY CLAY, gray sandy clay, trace fine-grained gravel, moderate soft, high plasticity, moist to dry, no odors.		
16									
17	2.0		100%				Stiff with three, approximately 2-inch, moist, soft, sandy clay seams.		
18							End of boring at 18 feet		

End of boring at 18 feet below ground surface (BGS).  
No subsurface water encountered.  
Difficulty with samplers going deeper.





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*Environmental*

## LOG OF BORING GP-10

(Page 1 of 1)

Magnetrol  
5300 Belmont Road  
Downers Grove, Illinois

Date Drilled : April 13, 2006      Total Depth : 12 Feet  
Hole Diameter : 2.5-Inch      Field Supervisor : Kim Janson, PG  
Drilling Method : Dual-Tube Sampling, Geoprobe (truck)  
Drilling Company : C.S. Drilling, Inc.  
Boring Location : By access door on east side of building

MPE Project M061401

Depth in Feet	PID (ppm)	PID (ppm)	% Recovery	Water Levels	USCS	GRAPHIC	DESCRIPTION	Lab Sample Number	Laboratory Analysis
		0    15    30							
0					ASP		ASPHALT		
					FL		FILL, brown sandy clay fill, soft, moderate plasticity, dry, no odors.		
1							CLAY, olive gray clay, trace fine-grained sand, moderately soft, high plasticity, dry, no odors.		
2	1.7		<50%		CL			GP-10 (0-4)	VOCs
3									
4									
5	0.0				CL		CLAY, brown clay with reddish oxidation spots and some gray, occasional sand, fine- to coarse-grained, angular grains, moderately stiff, moderate plasticity, dry, no odors.		
6									
7	0.0		100%		CL		CLAY, olive gray and gray mottled clay, occasional black or dark discoloring with depth, moderately stiff, moderate plasticity, dry, no odors.		
8					CL		CLAY, brown with some gray clay, silty with trace of sand, moderately stiff, moderate plasticity, dry, no odors.		
9	0.2		100%		CL/SP		SANDY CLAY, brown sandy clay, trace sand, fine- to coarse-grained, soft, moist, no odors.		
10									
11	0.9		100%		CL/SP		SANDY CLAY, brown sandy clay, fine- to coarse-grained, semi-rounded grains, very moist, no odors.	GP-10 (10-12)	HOLD
					CL		CLAY, brown clay, trace sand, moderately stiff, brittle with low plasticity, dry, no odors.		
12							End of boring at 12 feet		

End of boring at 12 feet below ground surface (BGS).  
No subsurface water encountered.  
Ended boring due to perceived water.



**Mostardi Platt**  
*Environmental*

## LOG OF BORING GP-11

(Page 1 of 1)

Magnetrol  
5300 Belmont Road  
Downers Grove, Illinois

Date Drilled : April 14, 2006  
Hole Diameter : 2.5-Inch  
Drilling Method : Dual-Tube Sampling, Geoprobe (truck)  
Drilling Company : C.S. Drilling, Inc.  
Boring Location : By access door on east side of building

Total Depth : 14 Feet  
Field Supervisor : Kim Janson, PG

MPE Project M061401

Depth in Feet	PID (ppm)	PID (ppm)	% Recovery	Water Levels	USCS	GRAPHIC	DESCRIPTION	Lab Sample Number	Laboratory Analysis
		0 15 30							
0					ASP		ASPHALT		
1	3.4		75%		FL		FILL, brown and reddish brown sandy clay fill, fine- to coarse-grained, moderately stiff, low plasticity, dry, no odors.	GP-11 (0-2)	VOCs
2					CL		CLAY, brown and gray clay, trace fine- to medium-grained sand, fragmented grains, moderately stiff, moderate plasticity, dry, no odors.		
3	0.0								
4									
5	0.8		100%		CL/SP		SANDY CLAY, gray sandy clay, fine- to coarse-grained, trace fine-grained gravel, high plasticity, moist, no odors.	GP-11 (4-6)	HOLD
6									
7	2.2								
8									
9	0.3		50%		CL		CLAY, gray clay, trace sand and some gravel fragments, moderately stiff, moderate plasticity, dry, no odors.		
10									
11	2.4		100%		CL		CLAY, gray clay with gravel fragments at top of sample, trace sand, fine- to medium-grained, stiff, moderate plasticity, dry, no odors.		
12									
13	6.7		100%		CL		CLAY, gray clay with silt and sand, fine-grained with trace medium-grained gravel, moderately soft, high plasticity, dry, no odors.	GP-11 (12-14)	VOCs
14					CL		CLAY, gray clay, trace sand, stiff, moderate plasticity, dry, no odors.		
End of boring at 14 feet									

End of boring at 14 feet below ground surface (BGS).  
No subsurface water encountered.  
Difficulty going deeper.





**Mostardi Platt**  
Environmental

# LOG OF BORING HS-1

(Page 1 of 2)

Magnetrol  
5300 Belmont Road  
Downers Grove, Illinois

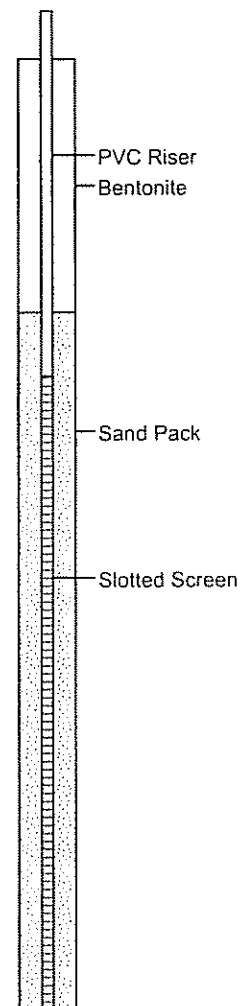
Date Drilled : April 12, 2006  
Hole Diameter : 3.25 Inches  
Drilling Method : Hollow Stem Auger  
Drilling Company : CS Drilling  
Boring Location : South side of building

Total Depth : 30 Feet  
Field Supervisor : Kim Janson, PG

MPE Project M061401

Depth in Feet	% Recovery	PID (ppm)	PID (ppm)	Water Levels	Blow Count	USCS	GRAPHIC	DESCRIPTION	Laboratory Analysis
0								TP TOPSOIL, grass overlying clayey topsoil.	
1	100%	7.0				CL		CLAY, brown with trace gray clay, silty, medium plasticity, trace reddish oxidation spots (1 to 2 mm diameter), trace fine- to coarse-grained sand, semi-rounded, dry, no odors.	
2								CLAY, same as above with no reddish oxidation, moderate to low plasticity.	
3	80%	6.6				CL			
4								CLAY, gray clay, trace brown, stiff, moderate plasticity, trace fine- to coarse-grained sand, semi-rounded to fragmented, dry, no odors.	VOCs
5	95%	10.2				CL			
6								CLAY, same as above except silty.	
7	100%	3.2				SP/SW		SAND, gray sand approximately .25" thick, medium-grained with trace coarse-grained, generally well-sorted sand, coarse-grained gravel, moist, no odors.	HOLD
8								CLAY, gray clay, trace brown, moderately soft, moderate plasticity, trace to occasional gravel, fine- to coarse-grained sand, semi-rounded to fragmented, trace to occasional gravel, moderately dry, no odors.	HOLD
9	100%	3.8				CL/ML			
10								SILTY CLAY, gray silty clay, soft, high plasticity, trace fine-grained sand, medium-grained gravel, moist on outside of sample, no odors.	
11	100%	3.8				CL/ML			
12								SILTY CLAY, large gravel fragments at top of sample, then gray silty clay, stiff, moderate plasticity, trace sand fine- to medium-grained, dry, no odors.	
13	100%	0.5				CL/ML			
14								SILTY CLAY, gray silty clay, soft, high plasticity, moist, trace fine to coarse sand and gravel, no odors.	
15	100%	0.0						CLAY, gray clay, occasionally silty, stiff, moderate plasticity, trace fine-grained sand, dry, no odors.	
16								Two micro seams of sand at approximately 13' and 13.5', < 1cm thick, moist to wet.	
17	100%	0.7				CL		Lens of medium-grained sand at 15.75', moist.	
18									

Well: MW-1  
Elev.:



End of Boring at 30 Feet Below Ground Surface (BGS)

No subsurface water encountered. Seams of sand and gravel identified at varying depths.

Interval from 15 to 30 feet bentonited with no casing.

Note: PID had background reading from 0.1 to 0.5 in 2- to 4-foot interval.



**Mostardi Platt**  
*Environmental*

## LOG OF BORING HS-1

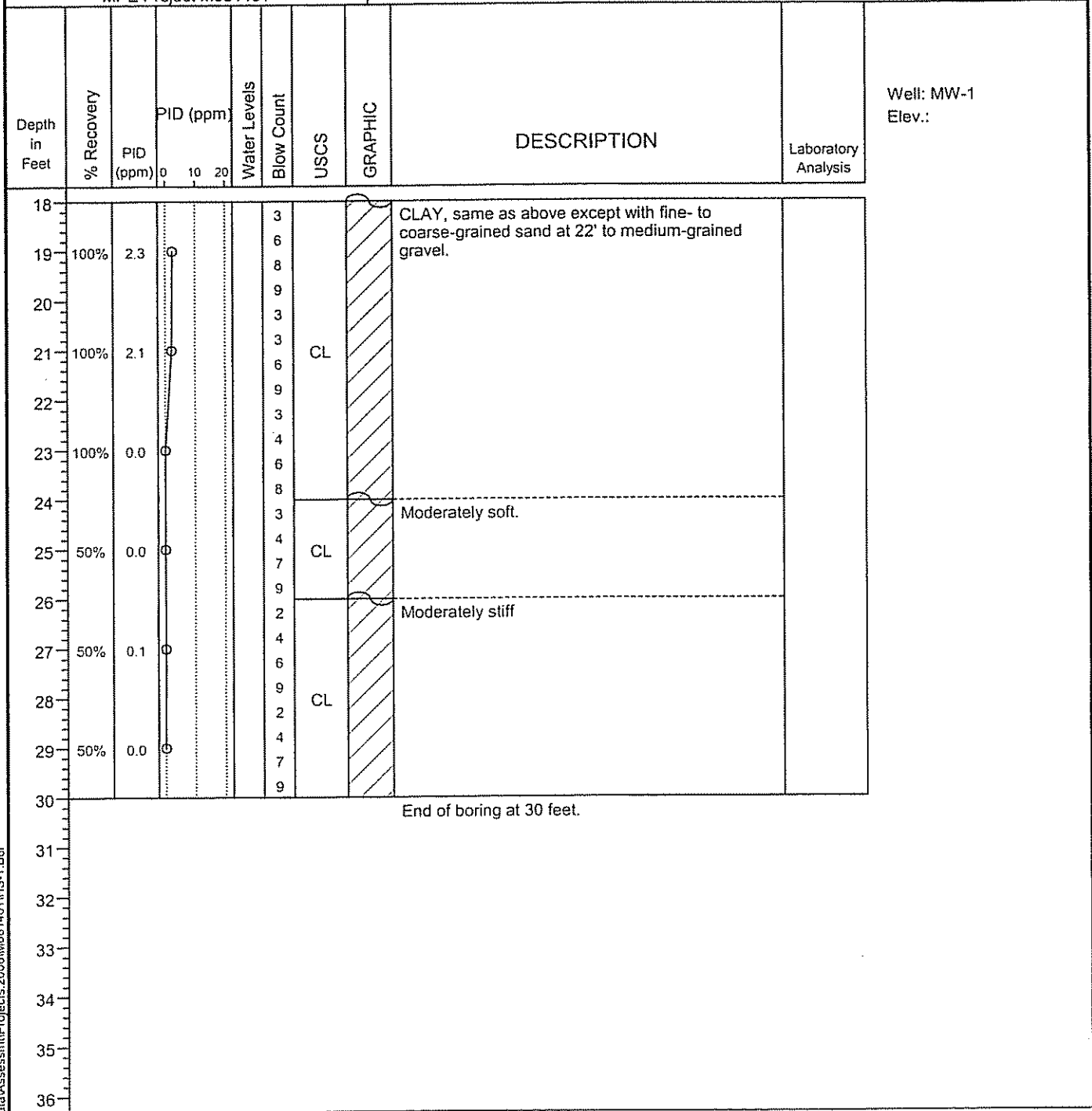
(Page 2 of 2)

Magnetrol  
5300 Belmont Road  
Downers Grove, Illinois

Date Drilled : April 12, 2006  
Hole Diameter : 3.25 Inches  
Drilling Method : Hollow Stem Auger  
Drilling Company : CS Drilling  
Boring Location : South side of building

Total Depth : 30 Feet  
Field Supervisor : Kim Janson, PG

MPE Project M061401



End of Boring at 30 Feet Below Ground Surface (BGS)

No subsurface water encountered. Seams of sand and gravel identified at varying depths.

Interval from 15 to 30 feet bentonited with no casing.

Note: PID had background reading from 0.1 to 0.5 in 2- to 4-foot interval.





**Mostardi Platt**  
*Environmental*

## LOG OF BORING HS-2

(Page 1 of 1)

Magnetrol  
5300 Belmont Road  
Downers Grove, Illinois

Date Drilled : April 12, 2006

Total Depth : 14 Feet

Hole Diameter : 3.25 Inches

Field Supervisor : Jeff Meyerhoff

Drilling Method : Hollow Stem Auger

Drilling Company : CS Drilling

Boring Location : East of building between parking lot and sidewalk

MPE Project M061401

Depth in Feet	% Recovery	PID (ppm)	PID (ppm) 0 10 20	Water Levels	Blow Count	USCS	GRAPHIC	DESCRIPTION	Laboratory Analysis
0								GRASS, grass and topsoil	
1	90%	0.0				FL		FILL, light brown to dark brown clayey fill, medium plasticity, trace coarse-grained sand, no odors.	
2						CL		CLAY, light brown clay, medium plasticity, trace fine to medium sand, no odors.	
3	75%	0.0				CL		CLAY, gray and brown mottled clay, dense, trace silt and fine-grained sand, no odors.	
4						CL		CLAY, dense brown clay to approximately 7', moist sandy clay seam at approximately 8', no odors.	
5	95%	0.2				CL		CLAYEY SILT, brown to olive gray clayey silt, some small rock, fine- to medium-grained sand, moist, softer than 6- to 8-foot interval, no odors.	
6						ML/CL		CLAY, brown clay, large 1" to 1.5" rock, trace sand, soft, plastic, sample very moist to slightly wet at 11.5' to 12', no odors.	
7	95%	0.0				CL		SILTY CLAY, sandy brown silty clay, first 6" moist to slightly wet, no odors.	
8						CL		CLAY, gray clay with brown silt, medium- to coarse-grained sand, dense, dry, no odors.	
9	95%	0.0				CL			
10						CL			
11	95%	0.5				CL			
12						CL			
13	95%	0.0				CL			
14						CL			

Well: MW-2  
Elev.:

Bentonite

PVC Riser

Sand Pack

Slotted Screen

VOCs

End of boring at 14 feet.

End of Boring at 14 Feet Below Ground Surface (BGS)

Subsurface water encountered at 11.5 feet bgs.

Due to subsurface water, boring ceased.



**Mostardi Platt**  
*Environmental*

## LOG OF BORING HS-3

(Page 1 of 2)


Magnetrol  
5300 Belmont Road  
Downers Grove, Illinois

Date Drilled : April 12, 2006  
Hole Diameter : 3.25 Inches  
Drilling Method : Hollow Stem Auger  
Drilling Company : CS Drilling  
Boring Location : South side of Property next to GP-6

Total Depth : 30 Feet  
Field Supervisor : Kim Janson, PG

MPE Project M061401

Depth in Feet	% Recovery	PID (ppm)	PID (ppm) 0 10 20	Water Levels	Blow Count	USCS	GRAPHIC	DESCRIPTION	Laboratory Analysis	Well: MW-3 Elev.:
0								See soil boring log GP-6 for soil description.		
1										
2										
3										
4										
5										
6										
7										
8						NS				
9										
10										
11										
12										
13										
14										
15										
16										



PVC Riser

Bentonite

End of Boring at 30 Feet Below Ground Surface (BGS)  
Subsurface water encountered at 29 feet bgs.





**Mostardi Platt**  
*Environmental*

## LOG OF BORING HS-3

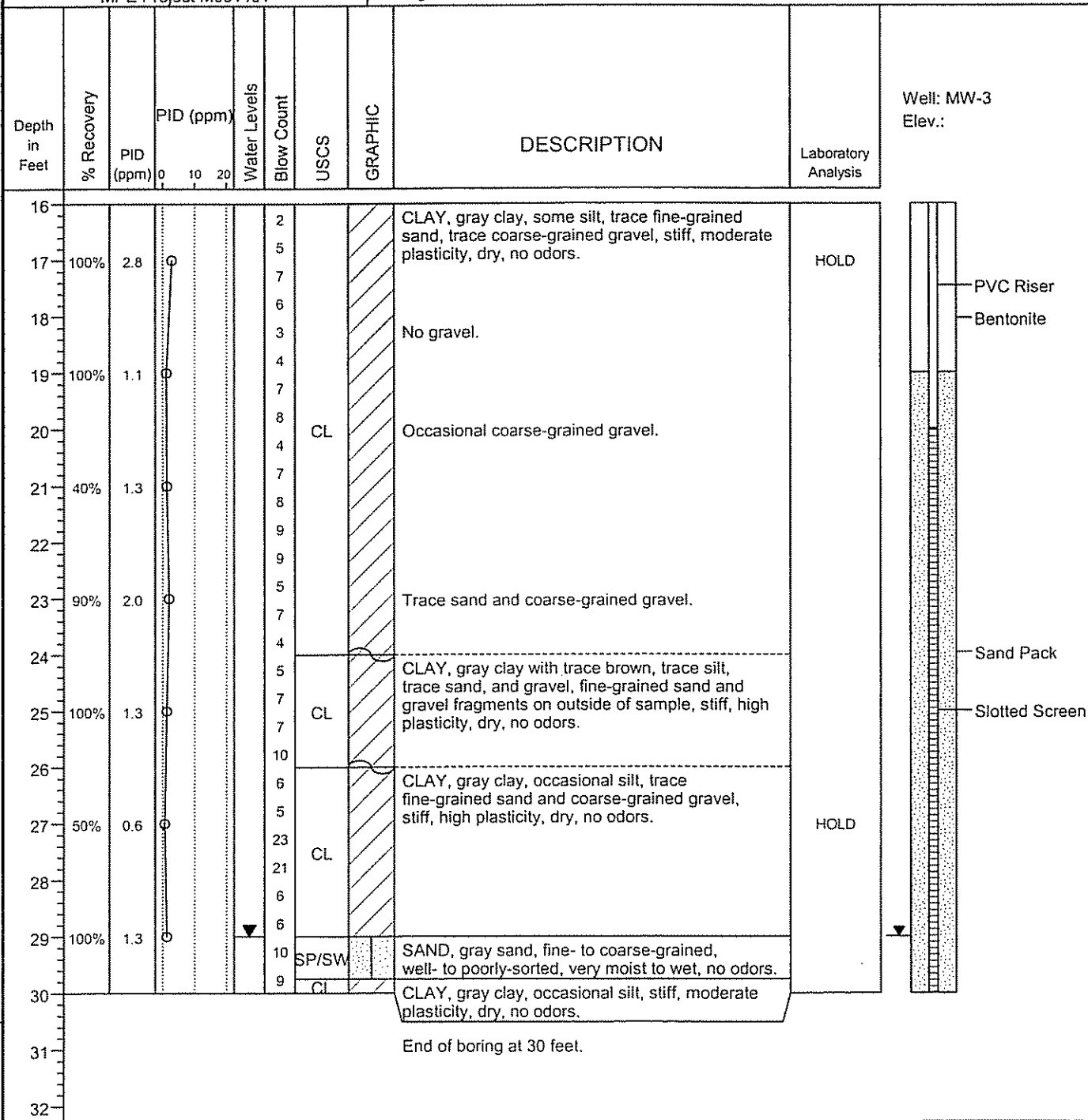
(Page 2 of 2)

Magnetrol  
5300 Belmont Road  
Downers Grove, Illinois

Date Drilled : April 12, 2006  
Hole Diameter : 3.25 Inches  
Drilling Method : Hollow Stem Auger  
Drilling Company : CS Drilling  
Boring Location : South side of Property next to GP-6

Total Depth : 30 Feet  
Field Supervisor : Kim Janson, PG

MPE Project M061401



## Appendix D: Analytical Summary Tables



Table 1  
VOLATILE ORGANIC COMPOUNDS  
SOIL ANALYTICAL SUMMARY  
5300 Belmont Road  
Downers Grove, Illinois

Analyte	Tier 1 Property Soil Remediation Objectives <sup>a</sup>						Two, Former Heating Oil Tanks Area	Suspect Former Degreaser Unit Areas					Chemical and Former Solvent and Waste Storage Area		Former Diked TCE Tank	Access Door Areas				Property Boundary Areas		
	Industrial/Commercial Property		Construction Worker		Soil Component of the Groundwater Ingestion Exposure Route																	
	Ingestion Exposure Route (mg/kg) <sup>v</sup>	Inhalation Exposure Route (mg/kg)	Ingestion Exposure Route (mg/kg)	Inhalation Exposure Route (mg/kg)	Class I (mg/kg)	Class II (mg/kg)																
	GP-1 <sup>c</sup> 4 to 6 <sup>d</sup> (mg/kg)	GP-2 0 to 4 (mg/kg)	GP-3 6 to 8 (mg/kg)	GP-8 0 to 2 (mg/kg)	GP-8 6 to 8 (mg/kg)	GP-4 4 to 8 (mg/kg)																
Acetone	200,000	100,000	200,000	100,000	16	16	<1.52 <sup>e</sup>	<0.0294	<0.024	<0.0231	<0.0239	0.0237 <sup>g</sup>	<0.0234	<0.0247	<0.0249	<0.028	<0.022	<0.0205	<0.0229	<0.023	<0.0224	
Benzene	100	1.6	2,300	2.2	0.03	0.17	<0.305	<0.00588	<0.0048	<0.00463	<0.00478	<0.00423	<0.00469	<0.00494	<0.00498	<0.00561	<0.0044	<0.0041	<0.00459	<0.00459	<0.00449	
Bromodichloromethane	92	3,000	2,000	3,000	0.6	0.6	<0.305	<0.00588	<0.0048	<0.00463	<0.00478	<0.00423	<0.00469	<0.00494	<0.00498	<0.00561	<0.0044	<0.0041	<0.00459	<0.00459	<0.00449	
Bromoform	720	100	16,000	140	0.8	0.8	<0.305	<0.00588	<0.0048	<0.00463	<0.00478	<0.00423	<0.00469	<0.00494	<0.00498	<0.00561	<0.0044	<0.0041	<0.00459	<0.00459	<0.00449	
Bromomethane (methyl bromide)	2,900	15	1,000	3.9	0.2	1.2	<0.305	<0.00588	<0.0048	<0.00463	<0.00478	<0.00423	<0.00469	<0.00494	<0.00498	<0.00561	<0.0044	<0.0041	<0.00459	<0.00459	<0.00449	
2-Butanone (methyl ethyl ketone)	--- <sup>f</sup>	---	---	---	---	---	<0.609	<0.0118	<0.0096	<0.00925	<0.00956	<0.00846	<0.00938	<0.00987	<0.00997	<0.0112	<0.00881	<0.00821	<0.00917	<0.00918	<0.00898	
Carbon disulfide	200,000	720	20,000	9	32	160	<0.305	<0.00588	<0.0048	<0.00463	<0.00478	<0.00423	<0.00469	<0.00494	<0.00498	<0.00561	<0.0044	<0.0041	<0.00459	<0.00459	<0.00449	
Carbon tetrachloride	44	0.64	410	0.90	0.07	0.33	<0.305	<0.00588	<0.0048	<0.00463	<0.00478	<0.00423	<0.00469	<0.00494	<0.00498	<0.00561	<0.0044	<0.0041	<0.00459	<0.00459	<0.00449	
Chlorobenzene	41,000	210	4,100	1.3	1	6.5	<0.305	<0.00588	<0.0048	<0.00463	<0.00478	<0.00423	<0.00469	<0.00494	<0.00498	<0.00561	<0.0044	<0.0041	<0.00459	<0.00459	<0.00449	
Chlorodibromomethane	41,000	1,300	41,000	1,300	0.4	0.4	<0.305	<0.00588	<0.0048	<0.00463	<0.00478	<0.00423	<0.00469	<0.00494	<0.00498	<0.00561	<0.0044	<0.0041	<0.00459	<0.00459	<0.00449	
Chloroethane	---	---	---	---	---	---	<0.305	<0.00588	<0.0048	<0.00463	<0.00478	<0.00423	<0.00469	<0.00494	<0.00498	<0.00561	<0.0044	<0.0041	<0.00459	<0.00459	<0.00449	
Chloroform	940	0.54	2,000	0.76	0.6	2.9	<0.305	<0.00588	<0.0048	<0.00463	<0.00478	<0.00423	<0.00469	<0.00494	<0.00498	<0.00561	0.00589	<0.0041	<0.00459	<0.00459	<0.00449	
Chloromethane	---	---	---	---	---	---	<0.305	<0.00588	<0.0048	<0.00463	<0.00478	<0.00423	<0.00469	<0.00494	<0.00498	<0.00561	<0.0044	<0.0041	<0.00459	<0.00459	<0.00449	
1,1-Dichloroethane	200,000	1,700	200,000	130	23	110	<0.305	<0.00588	<0.0048	<0.00463	0.0122	<0.00423	<0.00469	<0.00494	<0.00498	<0.00561	0.963	<0.0041	<0.00459	<0.00459	<0.00449	
1,2-Dichloroethane	63	0.70	1,400	0.99	0.02	0.1	<0.305	<0.00588	<0.0048	<0.00463	<0.00478	<0.00423	<0.00469	<0.00494	<0.00498	<0.00561	0.0101	<0.0041	<0.00459	<0.00459	<0.00449	
1,1-Dichloroethene	18,000	1,500	1,800	300	0.06	0.3	<0.305	<0.00588	<0.0048	<0.00463	0.011	<0.00423	<0.00469	<0.00494	<0.00498	<0.00561	0.716	<0.0041	<0.00459	<0.00459	<0.00449	
cis 1,2-Dichloroethene	20,000	1,200	20,000	1,200	0.4	1.1	<0.305	<0.00588	0.054	<0.00463	<0.00478	<0.00423	<0.00469	0.228	<0.00498	<0.00561	<0.0044	<0.0041	<0.00459	<0.00459	<0.00449	
trans 1,2-Dichloroethene	41,000	3,100	41,000	3,100	0.7	3.4	<0.305	<0.00588	0.00749	<0.00463	<0.00478	<0.00423	<0.00469	<0.00494	<0.00498	<0.00561	<0.0044	<0.0041	<0.00459	<0.00459	<0.00449	
1,2-Dichloropropane	84	23	1,800	0.5	0.03	0.15	<0.305	<0.00588	<0.0048	<0.00463	<0.00478	<0.00423	<0.00469	<0.00494	<0.00498	<0.00561	<0.0044	<0.0041	<0.00459	<0.00459	<0.00449	
1,3-Dichloropropene (cis, trans)	57	2.1	1,200	0.39	0.004	0.02	<0.183	<0.00353	<0.00288	<0.00278	<0.00287	<0.00254	<0.00281	<0.00296	<0.00299	<0.00336	<0.00264	<0.00246	<0.00275	<0.00275	<0.00269	
Ethylbenzene	200,000	400	20,000	58	13	19	<0.305	<0.00588	<0.0048	<0.00463	<0.00478	<0.00423	<0.00469	<0.00494	<0.00498	<0.00561	<0.0044	<0.0041	<0.00459	<0.00459	<0.00449	
(2-Hexanone)	---	---	---	---	---	---	<0.609	<0.0118	<0.0096	<0.00925	<0.00956	<0.00846	<0.00938	<0.00987	<0.00997	<0.0112	<0.00881	<0.00821	<0.00917	<0.00918	<0.00898	
Methylene chloride	760	24	12,000	34	0.02	0.2	<0.305	<0.00588	<0.0048	<0.00463	<0.00478	<0.00423	<0.00469	<0.00494	<0.00498	<0.00561	<0.0044	<0.0041	<0.00459	<0.00459	<0.00449	
(4-Methyl-2-pentanone)	---	---	---	---	---	---	<0.609	<0.0118	<0.0096	<0.00925	<0.00956	<0.00846	<0.00938	<0.00987	<0.00997	<0.0112	<0.00881	<0.00821	<0.00917	<0.00918	<0.00898	
Methyl-tertiary-butyl-ether	20,000	8,800	2,000	140	0.32	0.32	<0.305	<0.00588	<0.0048	<0.00463	<0.00478	<0.00423	<0.00469	<0.00494	<0.00498	<0.00561	<0.0044	<0.0041	<0.00459	<0.00459	<0.00449	
Styrene	410,000	1,500	41,000	430	4	18	<0.305	<0.00588	<0.0048	<0.00463	<0.00478	<0.00423	<0.00469	<0.00494	<0.00498	<0.00561	<0.0044	<0.0041	<0.00459	<0.00459	<0.00449	
(1,1,2,2-Tetrachloroethane)	---	---	---	---	---	---	<0.305	<0.00588	<0.0048	<0.00463	<0.00478	<0.00423	<0.00469	<0.00494	<0.00498	<0.00561	<0.0044	<0.0041	<0.00459	<0.00459	<0.00449	
Tetrachloroethene (perchloroethene)	110	20	2,400	28	0.06	0.3	<0.305	0.109	<0.0048	<0.00463	<0.00478	<0.00423	<0.00469	<0.00494	<0.00498	<0.00561	<0.0044	<0.0041	<0.00459	<0.00459	<0.00449	
Toluene	410,000	650	410,000	42	12	29	<0.305	<0.00588	<0.0048	<0.00463	<0.00478	<0.00423	<0.00469	<0.00494	<0.00498	<0.00561	<0.0044	<0.0041	<0.00459	<0.00459	<0.00449	
1,1,1-Trichloroethane	---	1,200	---	1,200	2	9.6	<0.305	<0.00588	0.0131	0.0299	0.202	<0.00423	0.00884	<0.00494	<0.00498	<0.00561	10.8	<0.0041	<0.00459	<0.00459	<0.00449	
1,1,2-Trichloroethane	8,200	1,800	8,200	1,800	0.02	0.3	<0.305	<0.00588	<0.0048	<0.00463	<0.00478	<0.00423	<0.00469	<0.00494	<0.00498	<0.00561	0.0203	<0.0041	<0.00459	<0.00459	<0.00449	
Trichloroethene	520	8.9	1,200	12	0.06	0.3	<0.305	32.7	0.123	<0.00463	<0.00478	<0.00423	<0.00469	16.8	<0.00498	<0.00561	0.0179	<0.0041	<0.00459	<0.00459	<0.00449	
Trichlorofluoromethane	---	---	---	---	---	---	<0.305	<0.00588	<0.0048	<0.00463	<0.00478	<0.00423	<0.00469	<0.00494	<0.00498	<0.00561	<0.0044	<0.0041	<0.00459	<0.00459	<0.00449	
Vinyl acetate	1,000,000	1,600	200,000	10	170	170	<0.609	<0.0118	<0.0096	<0.00925	<0.00956	<0.00846	<0.00938	<0.00987	<0.00997	<0.0112	<0.00881	<0.00821	<0.00917	<0.00918	<0.00898	
Vinyl chloride	7.9	1.1	170	1.1	0.01	0.07	<0.305	<0.00588	<0.0048	<0.00463	<0.00478	<0.00423	<0.00469	<0.00494	<0.00498	<0.00561	<0.0044	<0.0041	<0.00459	<0.00459	<0.00449	
Total Xylenes	1,000,000	410	410,000	410	150	150	<0.609	<0.0118	<0.0096	<0.00925	<0.00956	<0.00846	<0.00938	<0.00987	<0.00997	<0.0112	<0.00881	<0.00821	<0.00917	<0.00918	<0.00898	

Bold numbers exceed lowest commercial/industrial and/or construction worker soil remediation objective.

<sup>a</sup>Title 35, *Illinois Administrative Code*, Part 742, entitled *Tiered Approach to Corrective Action Objectives*

<sup>b</sup>Milligrams per kilogram

<sup>c</sup>Soil boring number

<sup>d</sup>Depth of sample collection in feet below ground surface

<sup>e</sup>Not detected at the reported detection limit

<sup>f</sup>Not listed

<sup>g</sup>Identified as a laboratory artifact

Table 2  
VOLATILE ORGANIC COMPOUNDS  
GROUNDWATER ANALYTICAL SUMMARY  
2300 Belmont Road  
Downers Grove, Illinois

Analyte	Tier 1 Groundwater Remediation Objectives <sup>a</sup>		MW-1 <sup>c</sup> (mg/L)	MW-2 (mg/L)	4/10/2006	4/11/2006	4/12/2006	4/13/2006	4/14/2006
	Class I (mg/L) <sup>b</sup>	Class II (mg/L)			Trip Blank (mg/L)	Trip Blank (mg/L)	Trip Blank (mg/L)	Trip Blank (mg/L)	Trip Blank (mg/L)
Acetone	0.7	0.7	<0.01 <sup>d</sup>	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzene	0.005	0.025	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Bromodichloromethane	0.0002	0.0002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Bromoform	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane (methyl bromide)	0.0098	0.049	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
2-Butanone (methyl ethyl ketone)	---	---	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Carbon disulfide	0.7	3.5	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Carbon tetrachloride	0.005	0.025	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Chlorobenzene	0.1	0.5	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Chlorodibromoethane	0.4	0.4	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Chloroethane	---	---	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Chloroform	0.0002	0.001	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Chloromethane	---	---	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
1,1-Dichloroethane	0.7	3.5	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
1,2-Dichloroethane	0.005	0.025	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
1,1-Dichloroethene	0.007	0.035	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
cis 1,2-Dichloroethene	0.07	0.2	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
trans 1,2-Dichloroethene	0.1	0.5	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
1,2-Dichloropropane	0.005	0.025	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Ethylbenzene	0.7	1.0	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
(2-Hexanone)	---	---	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methylene chloride	0.005	0.05	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
(4-Methyl-2-pentanone)	---	---	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methyl-tertiary-butyl-ether	0.070	0.070	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Styrene	0.1	0.5	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
(1,1,2,2-Tetrachloroethane)	---	---	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Tetrachloroethene (perchloroethene)	0.005	0.025	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Toluene	1.0	2.5	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
1,1,1-Trichloroethane	0.2	1.0	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
1,1,2-Trichloroethane	0.005	0.05	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Trichloroethene	0.005	0.025	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Trichlorofluoromethane	---	---	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Vinyl acetate	7.0	7.0	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Vinyl chloride	0.002	0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Total Xylenes	10	10	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004

Bold numbers exceed lowest remediation objective.

<sup>a</sup>Title 35, *Illinois Administrative Code*, Part 742, entitled *Tiered Approach to Corrective Action Objectives*

<sup>b</sup>Milligrams per liter

<sup>c</sup>Monitoring well number

<sup>d</sup>Not detected at the reported detection limit

<sup>e</sup>Not listed



## **Appendix E: Laboratory Analytical Reports**

18 April 2006

Lab ID: B604127

Kim Janson  
Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

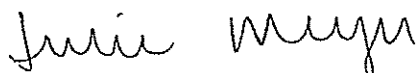
RE: Sachnoff & Weaver Phase II

Enclosed are the results of analyses for samples received by the laboratory on 04/11/06. The sample results relate only to the tested analytes of interest and to the sample as received by the laboratory. At the time of analysis, the laboratory was in compliance with current NELAP standards and held accreditation for all analyses performed unless noted by a qualifier. The laboratory's Illinois NELAP accreditation number is 100261.


This report can not be reproduced, except in full, without written approval from the laboratory. If you have any questions concerning this report, please feel free to contact Jim Knapp or Margaret Kniest.

Sincerely,

**TestAmerica Analytical Testing Corporation**



Julie Meyer  
Laboratory Director



James Knapp  
Quality Assurance Manager



Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604127  
Reported: 04/18/06 17:34

## ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GP-1 (4-6)	B604127-01	Soil	04/10/06 11:05	04/11/06 10:42
GP-2 (0-4)	B604127-02	Soil	04/10/06 19:07	04/11/06 10:42
GP-3 (6-8)	B604127-03	Soil	04/10/06 20:47	04/11/06 10:42
Trip Blank	B604127-04	Water	04/10/06 00:00	04/11/06 10:42

### Sample Receipt Notes

Please note that the chain of custody (COC) included with this report is considered part of the report. The data user should review any comments or notes made on the COC. Any receipt issues found by the laboratory that are not noted on the COC will be stated below.

All sample container custody seals are intact.

TestAmerica Analytical - Buffalo Grove

Reviewed &  
Approved by: Margaret Kniest

Margaret Kniest, Extractionist

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604127  
Reported: 04/18/06 17:34

## Volatile Organic Compounds by EPA Method 8260B

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GP-1 (4-6) (B604127-01RE2) Soil Sampled: 04/10/06 11:05 Received: 04/11/06 10:42									G23, QC
Acetone	ND	1520	ug/kg dry	50	6040335	04/17/06	04/18/06	EPA 8260B	
Benzene	ND	305	"	"	"	"	"	"	
Bromodichloromethane	ND	305	"	"	"	"	"	"	
Bromoform	ND	305	"	"	"	"	"	"	
Bromomethane	ND	305	"	"	"	"	"	"	
2-Butanone	ND	609	"	"	"	"	"	"	
Carbon disulfide	ND	305	"	"	"	"	"	"	
Carbon tetrachloride	ND	305	"	"	"	"	"	"	
Chlorobenzene	ND	305	"	"	"	"	"	"	
Chlorodibromomethane	ND	305	"	"	"	"	"	"	
Chloroethane	ND	305	"	"	"	"	"	"	
Chloroform	ND	305	"	"	"	"	"	"	
Chloromethane	ND	305	"	"	"	"	"	"	
1,1-Dichloroethane	ND	305	"	"	"	"	"	"	
1,2-Dichloroethane	ND	305	"	"	"	"	"	"	
1,1-Dichloroethene	ND	305	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	305	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	305	"	"	"	"	"	"	
1,2-Dichloropropane	ND	305	"	"	"	"	"	"	
1,3-Dichloropropene (cis + trans)	ND	183	"	"	"	"	"	"	
Ethylbenzene	ND	305	"	"	"	"	"	"	
2-Hexanone	ND	609	"	"	"	"	"	"	
Methylene chloride	ND	305	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	609	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	305	"	"	"	"	"	"	
Styrene	ND	305	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	305	"	"	"	"	"	"	
Tetrachloroethene	ND	305	"	"	"	"	"	"	
Toluene	ND	305	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	305	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	305	"	"	"	"	"	"	
Trichloroethene	ND	305	"	"	"	"	"	"	
Trichlorofluoromethane	ND	305	"	"	"	"	"	"	
Vinyl acetate	ND	609	"	"	"	"	"	"	
Vinyl chloride	ND	305	"	"	"	"	"	"	
Total Xylenes	ND	609	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		118 %	40.7-150	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		135 %	44.3-150	"	"	"	"	"	
Surrogate: Toluene-d8		118 %	48.7-150	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		91.7 %	36.5-147	"	"	"	"	"	

TestAmerica Analytical - Buffalo Grove

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Reviewed &  
Approved by:

*Margaret Kniet*

Margaret Kniet, Extractionist



Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604127  
Reported: 04/18/06 17:34

## Volatile Organic Compounds by EPA Method 8260B

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GP-2 (0-4) (B604127-02) Soil Sampled: 04/10/06 19:07 Received: 04/11/06 10:42									QC
Acetone	ND	29.4	ug/kg dry	1	6040335	04/17/06	04/18/06	EPA 8260B	
Benzene	ND	5.88	"	"	"	"	"	"	
Bromodichloromethane	ND	5.88	"	"	"	"	"	"	
Bromoform	ND	5.88	"	"	"	"	"	"	
Bromomethane	ND	5.88	"	"	"	"	"	"	
2-Butanone	ND	11.8	"	"	"	"	"	"	
Carbon disulfide	ND	5.88	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.88	"	"	"	"	"	"	
Chlorobenzene	ND	5.88	"	"	"	"	"	"	
Chlorodibromomethane	ND	5.88	"	"	"	"	"	"	
Chloroethane	ND	5.88	"	"	"	"	"	"	
Chloroform	ND	5.88	"	"	"	"	"	"	
Chloromethane	ND	5.88	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.88	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.88	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.88	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.88	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.88	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.88	"	"	"	"	"	"	
1,3-Dichloropropene (cis + trans)	ND	3.53	"	"	"	"	"	"	
Ethylbenzene	ND	5.88	"	"	"	"	"	"	
2-Hexanone	ND	11.8	"	"	"	"	"	"	
Methylene chloride	ND	5.88	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	11.8	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.88	"	"	"	"	"	"	
Styrene	ND	5.88	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.88	"	"	"	"	"	"	
<b>Tetrachloroethene</b>	<b>109</b>	<b>5.88</b>	"	"	"	"	"	"	
Toluene	ND	5.88	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.88	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.88	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.88	"	"	"	"	"	"	
Vinyl acetate	ND	11.8	"	"	"	"	"	"	
Vinyl chloride	ND	5.88	"	"	"	"	"	"	
Total Xylenes	ND	11.8	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		80.0 %	55.9-150		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		91.5 %	47.5-150		"	"	"	"	
Surrogate: Toluene-d8		95.6 %	55.4-145		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		93.7 %	40.4-137		"	"	"	"	

TestAmerica Analytical - Buffalo Grove

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Reviewed &  
Approved by:

*Margaret Kniet*

Margaret Kniet, Extractionist

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604127  
Reported: 04/18/06 17:34


## Volatile Organic Compounds by EPA Method 8260B

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GP-2 (0-4) (B604127-02RE2) Soil Sampled: 04/10/06 19:07 Received: 04/11/06 10:42									QC
Trichloroethene	32700	2940	ug/kg dry	500	6040335	04/18/06	04/18/06	EPA 8260B	
Surrogate: Dibromofluoromethane		81.2 %	40.7-150		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	44.3-150		"	"	"	"	
Surrogate: Toluene-d8		121 %	48.7-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		108 %	36.5-147		"	"	"	"	
GP-3 (6-8) (B604127-03RE1) Soil Sampled: 04/10/06 20:47 Received: 04/11/06 10:42									QC
Acetone	ND	24.0	ug/kg dry	1	6040335	04/18/06	04/18/06	EPA 8260B	
Benzene	ND	4.80	"	"	"	"	"	"	
Bromodichloromethane	ND	4.80	"	"	"	"	"	"	
Bromoform	ND	4.80	"	"	"	"	"	"	
Bromomethane	ND	4.80	"	"	"	"	"	"	
2-Butanone	ND	9.60	"	"	"	"	"	"	
Carbon disulfide	ND	4.80	"	"	"	"	"	"	
Carbon tetrachloride	ND	4.80	"	"	"	"	"	"	
Chlorobenzene	ND	4.80	"	"	"	"	"	"	
Chlorodibromomethane	ND	4.80	"	"	"	"	"	"	
Chloroethane	ND	4.80	"	"	"	"	"	"	
Chloroform	ND	4.80	"	"	"	"	"	"	
Chloromethane	ND	4.80	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.80	"	"	"	"	"	"	
1,2-Dichloroethane	ND	4.80	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.80	"	"	"	"	"	"	
cis-1,2-Dichloroethene	54.0	4.80	"	"	"	"	"	"	
trans-1,2-Dichloroethene	7.49	4.80	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.80	"	"	"	"	"	"	
1,3-Dichloropropene (cis + trans)	ND	2.88	"	"	"	"	"	"	
Ethylbenzene	ND	4.80	"	"	"	"	"	"	
2-Hexanone	ND	9.60	"	"	"	"	"	"	
Methylene chloride	ND	4.80	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	9.60	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	4.80	"	"	"	"	"	"	
Styrene	ND	4.80	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	4.80	"	"	"	"	"	"	
Tetrachloroethene	ND	4.80	"	"	"	"	"	"	
Toluene	ND	4.80	"	"	"	"	"	"	
1,1,1-Trichloroethane	13.1	4.80	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	4.80	"	"	"	"	"	"	
Trichloroethene	123	4.80	"	"	"	"	"	"	
Trichlorofluoromethane	ND	4.80	"	"	"	"	"	"	
Vinyl acetate	ND	9.60	"	"	"	"	"	"	
Vinyl chloride	ND	4.80	"	"	"	"	"	"	

TestAmerica Analytical - Buffalo Grove

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Reviewed & Approved by: 

Margaret Knies, Extractionist



Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604127  
Reported: 04/18/06 17:34


## Volatile Organic Compounds by EPA Method 8260B

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GP-3 (6-8) (B604127-03RE1) Soil Sampled: 04/10/06 20:47 Received: 04/11/06 10:42									QC
Total Xylenes	ND	9.60	ug/kg dry	1	6040335	04/18/06	04/18/06	EPA 8260B	
Surrogate: Dibromofluoromethane		86.9 %	55.9-150		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	47.5-150		"	"	"	"	
Surrogate: Toluene-d8		97.5 %	55.4-145		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		91.7 %	40.4-137		"	"	"	"	
Trip Blank (B604127-04) Water Sampled: 04/10/06 00:00 Received: 04/11/06 10:42									
Acetone	ND	10.0	ug/l	1	6040307	04/17/06	04/18/06	EPA 8260B	
Benzene	ND	2.00	"	"	"	"	"	"	
Bromodichloromethane	ND	2.00	"	"	"	"	"	"	
Bromoform	ND	1.00	"	"	"	"	"	"	
Bromomethane	ND	2.00	"	"	"	"	"	"	
2-Butanone	ND	10.0	"	"	"	"	"	"	
Carbon disulfide	ND	2.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.00	"	"	"	"	"	"	
Chlorobenzene	ND	2.00	"	"	"	"	"	"	
Chlorodibromomethane	ND	2.00	"	"	"	"	"	"	
Chloroethane	ND	2.00	"	"	"	"	"	"	
Chloroform	ND	2.00	"	"	"	"	"	"	
Chloromethane	ND	2.00	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.00	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.00	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.00	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.00	"	"	"	"	"	"	
1,3-Dichloropropene (cis + trans)	ND	2.00	"	"	"	"	"	"	
Ethylbenzene	ND	2.00	"	"	"	"	"	"	
2-Hexanone	ND	10.0	"	"	"	"	"	"	
Methylene chloride	ND	2.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	10.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.00	"	"	"	"	"	"	
Styrene	ND	2.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.00	"	"	"	"	"	"	
Tetrachloroethene	ND	2.00	"	"	"	"	"	"	
Toluene	ND	2.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.00	"	"	"	"	"	"	
Trichloroethene	ND	2.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.00	"	"	"	"	"	"	
Vinyl acetate	ND	2.00	"	"	"	"	"	"	
Vinyl chloride	ND	2.00	"	"	"	"	"	"	

TestAmerica Analytical - Buffalo Grove

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Reviewed & Approved by: 

Margaret Knies, Extractionist

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604127  
Reported: 04/18/06 17:34


## Volatile Organic Compounds by EPA Method 8260B

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Trip Blank (B604127-04) Water Sampled: 04/10/06 00:00 Received: 04/11/06 10:42									
Total Xylenes	ND	4.00	ug/l	1	6040307	04/17/06	04/18/06	EPA 8260B	
Surrogate: Dibromofluoromethane		88.0 %	69.8-133		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		90.4 %	61.2-141		"	"	"	"	
Surrogate: Toluene-d8		99.8 %	75.8-118		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		93.0 %	68.9-123		"	"	"	"	

TestAmerica Analytical - Buffalo Grove

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Reviewed & Approved by: 

Margaret Kniest, Extractionist



Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604127  
Reported: 04/18/06 17:34

## Percent Solids

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GP-1 (4-6) (B604127-01) Soil Sampled: 04/10/06 11:05 Received: 04/11/06 10:42									
% Solids	82.1	0.200	%	1	6040206	04/11/06	04/12/06	EPA 5035 7.5	
GP-2 (0-4) (B604127-02) Soil Sampled: 04/10/06 19:07 Received: 04/11/06 10:42									
% Solids	85.1	0.200	%	1	6040206	04/11/06	04/12/06	EPA 5035 7.5	
GP-3 (6-8) (B604127-03) Soil Sampled: 04/10/06 20:47 Received: 04/11/06 10:42									
% Solids	84.8	0.200	%	1	6040206	04/11/06	04/12/06	EPA 5035 7.5	

TestAmerica Analytical - Buffalo Grove

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Reviewed & Approved by: Margaret Kniest

Margaret Kniest, Extractionist

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604127  
Reported: 04/18/06 17:34

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040307 - EPA 5030B (P/T)

#### Blank (6040307-BLK1)

Prepared: 04/17/06 Analyzed: 04/18/06

Acetone	ND	10.0	ug/l
Benzene	ND	2.00	"
Bromodichloromethane	ND	2.00	"
Bromoform	ND	1.00	"
Bromomethane	ND	2.00	"
2-Butanone	ND	10.0	"
Carbon disulfide	ND	2.00	"
Carbon tetrachloride	ND	2.00	"
Chlorobenzene	ND	2.00	"
Chlorodibromomethane	ND	2.00	"
Chloroethane	ND	2.00	"
Chloroform	ND	2.00	"
Chloromethane	ND	2.00	"
1,1-Dichloroethane	ND	2.00	"
1,2-Dichloroethane	ND	2.00	"
1,1-Dichloroethene	ND	2.00	"
cis-1,2-Dichloroethene	ND	2.00	"
trans-1,2-Dichloroethene	ND	2.00	"
1,2-Dichloropropane	ND	2.00	"
1,3-Dichloropropene (cis + trans)	ND	2.00	"
Ethylbenzene	ND	2.00	"
2-Hexanone	ND	10.0	"
Methylene chloride	ND	2.00	"
4-Methyl-2-pentanone	ND	10.0	"
Methyl tert-butyl ether	ND	2.00	"
Styrene	ND	2.00	"
1,1,1,2-Tetrachloroethane	ND	2.00	"
Tetrachloroethene	ND	2.00	"
Toluene	ND	2.00	"
1,1,1-Trichloroethane	ND	2.00	"
1,1,2-Trichloroethane	ND	2.00	"
Trichloroethene	ND	2.00	"
Trichlorofluoromethane	ND	2.00	"
Vinyl acetate	ND	2.00	"
Vinyl chloride	ND	2.00	"

TestAmerica Analytical - Buffalo Grove

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Reviewed &  
Approved by:

*Margaret Knied*

Margaret Knied, Extractionist



Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604127  
Reported: 04/18/06 17:34

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040307 - EPA 5030B (P/T)

##### Blank (6040307-BLK1)

Prepared: 04/17/06 Analyzed: 04/18/06

Total Xylenes	ND	4.00	ug/l							
Surrogate: Dibromofluoromethane	44.4		"	50.0		88.8	69.8-133			
Surrogate: 1,2-Dichloroethane-d4	44.8		"	50.0		89.6	61.2-141			
Surrogate: Toluene-d8	50.0		"	50.0		100	75.8-118			
Surrogate: 4-Bromofluorobenzene	47.4		"	50.0		94.8	68.9-123			


##### LCS (6040307-BS1)

Prepared: 04/17/06 Analyzed: 04/18/06

Acetone	77.6	10.0	ug/l	100		77.6	10-150			
Benzene	51.1	2.00	"	50.0		102	66-127			
Bromodichloromethane	54.4	2.00	"	50.0		109	70.2-136			
Bromoform	46.6	1.00	"	50.0		93.2	44.6-150			
Bromomethane	51.6	2.00	"	50.0		103	10-150			
2-Butanone	94.9	10.0	"	100		94.9	10-150			
Carbon disulfide	88.7	2.00	"	100		88.7	10-150			
Carbon tetrachloride	48.6	2.00	"	50.0		97.2	56.1-137			
Chlorobenzene	52.4	2.00	"	50.0		105	75.3-123			
Chlorodibromomethane	53.3	2.00	"	50.0		107	66.5-140			
Chloroethane	53.8	2.00	"	50.0		108	30.4-150			
Chloroform	48.5	2.00	"	50.0		97.0	64.5-135			
Chloromethane	47.7	2.00	"	50.0		95.4	22-150			
1,1-Dichloroethane	47.4	2.00	"	50.0		94.8	57.6-140			
1,2-Dichloroethane	50.0	2.00	"	50.0		100	62-142			
1,1-Dichloroethene	44.4	2.00	"	50.0		88.8	49.4-128			
cis-1,2-Dichloroethene	50.1	2.00	"	50.0		100	69.2-134			
trans-1,2-Dichloroethene	46.7	2.00	"	50.0		93.4	57.6-135			
1,2-Dichloropropane	49.4	2.00	"	50.0		98.8	67.5-132			
1,3-Dichloropropene (cis + trans)	99.7	2.00	"	100		99.7	66.2-137			
Ethylbenzene	51.4	2.00	"	50.0		103	69.5-129			
2-Hexanone	89.0	10.0	"	100		89.0	10-150			
Methylene chloride	46.1	2.00	"	50.0		92.2	43.2-150			
4-Methyl-2-pentanone	93.3	10.0	"	100		93.3	27.2-150			
Methyl tert-butyl ether	44.7	2.00	"	50.0		89.4	66.8-141			
Styrene	51.9	2.00	"	50.0		104	65.6-134			
1,1,2,2-Tetrachloroethane	46.5	2.00	"	50.0		93.0	56-146			
Tetrachloroethene	53.5	2.00	"	50.0		107	61.9-133			
Toluene	49.8	2.00	"	50.0		99.6	70.5-123			

TestAmerica Analytical - Buffalo Grove

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Reviewed & Approved by: 

Margaret Kniet, Extractionist

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604127  
Reported: 04/18/06 17:34

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040307 - EPA 5030B (P/T)

LCS (6040307-BS1)				Prepared: 04/17/06		Analyzed: 04/18/06	
1,1,1-Trichloroethane	48.8	2.00	ug/l	50.0		97.6	60.1-137
1,1,2-Trichloroethane	52.1	2.00	"	50.0		104	77-132
Trichloroethene	53.5	2.00	"	50.0		107	65.3-132
Trichlorofluoromethane	41.6	2.00	"	50.0		83.2	47.2-150
Vinyl acetate	87.0	2.00	"	100		87.0	10-150
Vinyl chloride	45.2	2.00	"	50.0		90.4	39.1-150
Total Xylenes	154	4.00	"	150		103	64.4-131
Surrogate: Dibromofluoromethane	42.7		"	50.0		85.4	69.8-133
Surrogate: 1,2-Dichloroethane-d4	47.4		"	50.0		94.8	61.2-141
Surrogate: Toluene-d8	50.0		"	50.0		100	75.8-118
Surrogate: 4-Bromofluorobenzene	52.3		"	50.0		105	68.9-123

#### Matrix Spike (6040307-MS1)

Source: B604157-01RE1 Prepared: 04/17/06 Analyzed: 04/18/06

Acetone	88.4	10.0	ug/l	100	ND	88.4	10-150
Benzene	50.5	2.00	"	50.0	ND	101	54.8-135
Bromodichloromethane	54.3	2.00	"	50.0	ND	109	63-141
Bromoform	49.9	1.00	"	50.0	ND	99.8	39.2-150
Bromomethane	44.3	2.00	"	50.0	ND	88.6	10-150
2-Butanone	109	10.0	"	100	ND	109	10-150
Carbon disulfide	90.6	2.00	"	100	ND	90.6	10-150
Carbon tetrachloride	48.1	2.00	"	50.0	ND	96.2	50.4-138
Chlorobenzene	52.9	2.00	"	50.0	ND	106	69.5-127
Chlorodibromomethane	55.2	2.00	"	50.0	ND	110	61.9-141
Chloroethane	37.1	2.00	"	50.0	ND	74.2	18.3-150
Chloroform	48.5	2.00	"	50.0	ND	97.0	54.1-142
Chloromethane	48.9	2.00	"	50.0	ND	97.8	19.1-150
1,1-Dichloroethane	47.1	2.00	"	50.0	ND	94.2	51.9-141
1,2-Dichloroethane	51.4	2.00	"	50.0	ND	103	55.5-147
1,1-Dichloroethene	44.8	2.00	"	50.0	ND	89.6	36.2-135
cis-1,2-Dichloroethene	49.7	2.00	"	50.0	ND	99.4	53.1-146
trans-1,2-Dichloroethene	47.5	2.00	"	50.0	ND	95.0	53.7-131
1,2-Dichloropropane	48.6	2.00	"	50.0	ND	97.2	60.6-137
1,3-Dichloropropene (cis + trans)	99.9	2.00	"	100	ND	99.9	16.7-150
Ethylbenzene	51.0	2.00	"	50.0	ND	102	62.8-133
2-Hexanone	97.2	10.0	"	100	ND	97.2	11.6-148
Methylene chloride	46.7	2.00	"	50.0	ND	93.4	33.8-150

TestAmerica Analytical - Buffalo Grove

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Reviewed &  
Approved by:

*Margaret Kniet*

Margaret Kniet, Extractionist



Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604127  
Reported: 04/18/06 17:34

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040307 - EPA 5030B (P/T)

##### Matrix Spike (6040307-MS1)

Source: B604157-01RE1 Prepared: 04/17/06 Analyzed: 04/18/06

4-Methyl-2-pentanone	98.8	10.0	ug/l	100	ND	98.8	12.1-150			
Methyl tert-butyl ether	46.7	2.00	"	50.0	ND	93.4	52.6-150			
Styrene	48.5	2.00	"	50.0	ND	97.0	48.8-144			
1,1,2,2-Tetrachloroethane	51.8	2.00	"	50.0	ND	104	56.8-150			
Tetrachloroethene	69.5	2.00	"	50.0	19.4	100	50.8-136			
Toluene	49.5	2.00	"	50.0	ND	99.0	57.9-131			
1,1,1-Trichloroethane	47.8	2.00	"	50.0	ND	95.6	53.3-137			
1,1,2-Trichloroethane	53.5	2.00	"	50.0	ND	107	63.7-140			
Trichloroethene	51.1	2.00	"	50.0	0.730	101	47.2-131			
Trichlorofluoromethane	44.3	2.00	"	50.0	ND	88.6	10.8-150			
Vinyl acetate	100	2.00	"	100	ND	100	10-150			
Vinyl chloride	45.1	2.00	"	50.0	ND	90.2	13-150			
Total Xylenes	152	4.00	"	150	ND	101	45.9-146			
Surrogate: Dibromofluoromethane	44.1		"	50.0		88.2	69.8-133			
Surrogate: 1,2-Dichloroethane-d4	48.4		"	50.0		96.8	61.2-141			
Surrogate: Toluene-d8	49.6		"	50.0		99.2	75.8-118			
Surrogate: 4-Bromofluorobenzene	53.0		"	50.0		106	68.9-123			


##### Matrix Spike Dup (6040307-MSD1)

Source: B604157-01RE1 Prepared: 04/17/06 Analyzed: 04/18/06

Acetone	82.0	10.0	ug/l	100	ND	82.0	10-150	7.51	40	
Benzene	49.5	2.00	"	50.0	ND	99.0	54.8-135	2.00	31.9	
Bromodichloromethane	52.4	2.00	"	50.0	ND	105	63-141	3.56	28.2	
Bromoform	48.0	1.00	"	50.0	ND	96.0	39.2-150	3.88	29.3	
Bromomethane	47.3	2.00	"	50.0	ND	94.6	10-150	6.55	40	
2-Butanone	103	10.0	"	100	ND	103	10-150	5.66	40	
Carbon disulfide	88.9	2.00	"	100	ND	88.9	10-150	1.89	40	
Carbon tetrachloride	46.9	2.00	"	50.0	ND	93.8	50.4-138	2.53	35.1	
Chlorobenzene	51.2	2.00	"	50.0	ND	102	69.5-127	3.27	38.4	
Chlorodibromomethane	54.0	2.00	"	50.0	ND	108	61.9-141	2.20	29.3	
Chloroethane	37.3	2.00	"	50.0	ND	74.6	18.3-150	0.538	40	
Chloroform	47.7	2.00	"	50.0	ND	95.4	54.1-142	1.66	29.1	
Chloromethane	47.8	2.00	"	50.0	ND	95.6	19.1-150	2.28	40	
1,1-Dichloroethane	45.5	2.00	"	50.0	ND	91.0	51.9-141	3.46	27.6	
1,2-Dichloroethane	50.0	2.00	"	50.0	ND	100	55.5-147	2.76	25.2	
1,1-Dichloroethene	44.4	2.00	"	50.0	ND	88.8	36.2-135	0.897	33.3	
cis-1,2-Dichloroethene	48.9	2.00	"	50.0	ND	97.8	53.1-146	1.62	29.2	

TestAmerica Analytical - Buffalo Grove

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Margaret Knies, Extractionist

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604127  
Reported: 04/18/06 17:34

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove


Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 6040307 - EPA 5030B (P/T)</b>										
<b>Matrix Spike Dup (6040307-MSD1)</b>										
Source: B604157-01RE1 Prepared: 04/17/06 Analyzed: 04/18/06										
trans-1,2-Dichloroethene	45.7	2.00	ug/l	50.0	ND	91.4	53.7-131	3.86	32	
1,2-Dichloropropane	48.0	2.00	"	50.0	ND	96.0	60.6-137	1.24	26.8	
1,3-Dichloropropene (cis + trans)	97.9	2.00	"	100	ND	97.9	16.7-150	2.02	40	
Ethylbenzene	49.8	2.00	"	50.0	ND	99.6	62.8-133	2.38	40	
2-Hexanone	93.3	10.0	"	100	ND	93.3	11.6-148	4.09	40	
Methylene chloride	44.8	2.00	"	50.0	ND	89.6	33.8-150	4.15	36.8	
4-Methyl-2-pentanone	94.9	10.0	"	100	ND	94.9	12.1-150	4.03	40	
Methyl tert-butyl ether	44.7	2.00	"	50.0	ND	89.4	52.6-150	4.38	40	
Styrene	47.8	2.00	"	50.0	ND	95.6	48.8-144	1.45	40	
1,1,2,2-Tetrachloroethane	49.3	2.00	"	50.0	ND	98.6	56.8-150	4.95	25	
Tetrachloroethene	68.4	2.00	"	50.0	19.4	98.0	50.8-136	1.60	40	
Toluene	48.0	2.00	"	50.0	ND	96.0	57.9-131	3.08	38.7	
1,1,1-Trichloroethane	47.1	2.00	"	50.0	ND	94.2	53.3-137	1.48	38.2	
1,1,2-Trichloroethane	51.6	2.00	"	50.0	ND	103	63.7-140	3.62	27.4	
Trichloroethene	50.4	2.00	"	50.0	0.730	99.3	47.2-131	1.38	40	
Trichlorofluoromethane	41.4	2.00	"	50.0	ND	82.8	10.8-150	6.77	40	
Vinyl acetate	93.9	2.00	"	100	ND	93.9	10-150	6.29	40	
Vinyl chloride	44.2	2.00	"	50.0	ND	88.4	13-150	2.02	40	
Total Xylenes	148	4.00	"	150	ND	98.7	45.9-146	2.67	40	
Surrogate: Dibromofluoromethane	45.2		"	50.0		90.4	69.8-133			
Surrogate: 1,2-Dichloroethane-d4	48.3		"	50.0		96.6	61.2-141			
Surrogate: Toluene-d8	49.5		"	50.0		99.0	75.8-118			
Surrogate: 4-Bromofluorobenzene	52.7		"	50.0		105	68.9-123			

### Batch 6040335 - EPA 5035B (P/T)

<b>Blank (6040335-BLK1)</b>										
Prepared: 04/17/06 Analyzed: 04/18/06										
Acetone	25.7	25.0	ug/kg wet							A
Benzene	ND	5.00	"							
Bromodichloromethane	ND	5.00	"							
Bromoform	ND	5.00	"							
Bromomethane	ND	5.00	"							
2-Butanone	ND	10.0	"							
Carbon disulfide	ND	5.00	"							
Carbon tetrachloride	ND	5.00	"							
Chlorobenzene	ND	5.00	"							

TestAmerica Analytical - Buffalo Grove

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Reviewed & Approved by: 

Margaret Knies, Extractionist

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604127  
Reported: 04/18/06 17:34

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040335 - EPA 5035B [P/T]


#### Blank (6040335-BLK1)

Prepared: 04/17/06 Analyzed: 04/18/06

Chlorodibromomethane	ND	5.00	ug/kg wet							
Chloroethane	ND	5.00	"							
Chloroform	ND	5.00	"							
Chloromethane	ND	5.00	"							
1,1-Dichloroethane	ND	5.00	"							
1,2-Dichloroethane	ND	5.00	"							
1,1-Dichloroethene	ND	5.00	"							
cis-1,2-Dichloroethene	ND	5.00	"							
trans-1,2-Dichloroethene	ND	5.00	"							
1,2-Dichloropropane	ND	5.00	"							
1,3-Dichloropropene (cis + trans)	ND	3.00	"							
Ethylbenzene	ND	5.00	"							
2-Hexanone	ND	10.0	"							
Methylene chloride	ND	5.00	"							
4-Methyl-2-pentanone	ND	10.0	"							
Methyl tert-butyl ether	ND	5.00	"							
Styrene	ND	5.00	"							
1,1,2,2-Tetrachloroethane	ND	5.00	"							
Tetrachloroethene	ND	5.00	"							
Toluene	ND	5.00	"							
1,1,1-Trichloroethane	ND	5.00	"							
1,1,2-Trichloroethane	ND	5.00	"							
Trichloroethene	ND	5.00	"							
Trichlorofluoromethane	ND	5.00	"							
Vinyl acetate	ND	10.0	"							
Vinyl chloride	ND	5.00	"							
Total Xylenes	ND	10.0	"							
Surrogate: Dibromofluoromethane	52.2		"	50.0		104	55.9-150			
Surrogate: 1,2-Dichloroethane-d4	51.5		"	50.0		103	47.5-150			
Surrogate: Toluene-d8	50.3		"	50.0		101	55.4-145			
Surrogate: 4-Bromofluorobenzene	46.3		"	50.0		92.6	40.4-137			

TestAmerica Analytical - Buffalo Grove

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Reviewed & Approved by: 

Margaret Knies, Extractionist



Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604127  
Reported: 04/18/06 17:34

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040335 - EPA 5035B [P/T]

LCS (6040335-BS1) Prepared: 04/17/06 Analyzed: 04/18/06

Acetone	114	25.0	ug/kg wet	100	114	10-150				
Benzene	45.2	5.00	"	50.0	90.4	54.8-130				
Bromodichloromethane	47.8	5.00	"	50.0	95.6	55.7-137				
Bromoform	48.2	5.00	"	50.0	96.4	48.6-150				
Bromomethane	46.5	5.00	"	50.0	93.0	10-150				
2-Butanone	116	10.0	"	100	116	10-150				
Carbon disulfide	84.6	5.00	"	100	84.6	10-150				
Carbon tetrachloride	44.8	5.00	"	50.0	89.6	43.4-141				
Chlorobenzene	44.6	5.00	"	50.0	89.2	56.2-127				
Chlorodibromomethane	50.8	5.00	"	50.0	102	54.1-142				
Chloroethane	52.5	5.00	"	50.0	105	10-150				
Chloroform	42.7	5.00	"	50.0	85.4	53.7-135				
Chloromethane	43.8	5.00	"	50.0	87.6	12.4-150				
1,1-Dichloroethane	41.2	5.00	"	50.0	82.4	47.4-139				
1,2-Dichloroethane	46.8	5.00	"	50.0	93.6	54.6-140				
1,1-Dichloroethene	41.5	5.00	"	50.0	83.0	35.5-135				
cis-1,2-Dichloroethene	43.7	5.00	"	50.0	87.4	52.5-136				
trans-1,2-Dichloroethene	43.7	5.00	"	50.0	87.4	47.8-133				
1,2-Dichloropropane	43.2	5.00	"	50.0	86.4	68.3-124				
1,3-Dichloropropene (cis + trans)	86.3	3.00	"	100	86.3	60.9-140				
Ethylbenzene	44.4	5.00	"	50.0	88.8	50.7-127				
2-Hexanone	110	10.0	"	100	110	10-150				
Methylene chloride	43.3	5.00	"	50.0	86.6	25.4-150				
4-Methyl-2-pentanone	110	10.0	"	100	110	10-150				
Methyl tert-butyl ether	42.6	5.00	"	50.0	85.2	47.3-150				
Styrene	42.0	5.00	"	50.0	84.0	48.3-127				
1,1,2,2-Tetrachloroethane	51.6	5.00	"	50.0	103	30.4-150				
Tetrachloroethene	45.9	5.00	"	50.0	91.8	46.7-131				
Toluene	43.6	5.00	"	50.0	87.2	53.6-127				
1,1,1-Trichloroethane	44.9	5.00	"	50.0	89.8	49.3-136				
1,1,2-Trichloroethane	49.8	5.00	"	50.0	99.6	57.2-146				
Trichloroethene	48.7	5.00	"	50.0	97.4	55-128				
Trichlorofluoromethane	38.2	5.00	"	50.0	76.4	10-150				
Vinyl acetate	ND	10.0	"	100		10-150				L
Vinyl chloride	42.1	5.00	"	50.0	84.2	28.4-150				

TestAmerica Analytical - Buffalo Grove

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Reviewed & Approved by: 

Margaret Kniet, Extractionist

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604127  
Reported: 04/18/06 17:34

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040335 - EPA 5035B [P/T]

##### LCS (6040335-BS1)

Prepared: 04/17/06 Analyzed: 04/18/06

Total Xylenes	130	10.0	ug/kg wet	150		86.7	43.1-136			
Surrogate: Dibromofluoromethane	46.5		"	50.0		93.0	55.9-150			
Surrogate: 1,2-Dichloroethane-d4	55.0		"	50.0		110	47.5-150			
Surrogate: Toluene-d8	51.6		"	50.0		103	55.4-145			
Surrogate: 4-Bromofluorobenzene	54.4		"	50.0		109	40.4-137			

##### LCS Dup (6040335-BSD1)

Prepared: 04/17/06 Analyzed: 04/18/06

Acetone	110	25.0	ug/kg wet	100		110	10-150	3.57	35	
Benzene	44.8	5.00	"	50.0		89.6	54.8-130	0.889	35	
Bromodichloromethane	48.2	5.00	"	50.0		96.4	55.7-137	0.833	31.6	
Bromoform	48.0	5.00	"	50.0		96.0	48.6-150	0.416	35	
Bromomethane	46.7	5.00	"	50.0		93.4	10-150	0.429	35	
2-Butanone	112	10.0	"	100		112	10-150	3.51	35	
Carbon disulfide	83.1	5.00	"	100		83.1	10-150	1.79	35	
Carbon tetrachloride	44.9	5.00	"	50.0		89.8	43.4-141	0.223	35	
Chlorobenzene	45.1	5.00	"	50.0		90.2	56.2-127	1.11	35	
Chlorodibromomethane	51.7	5.00	"	50.0		103	54.1-142	1.76	34	
Chloroethane	52.2	5.00	"	50.0		104	10-150	0.573	35	
Chloroform	42.5	5.00	"	50.0		85.0	53.7-135	0.469	32.2	
Chloromethane	42.2	5.00	"	50.0		84.4	12.4-150	3.72	35	
1,1-Dichloroethane	40.5	5.00	"	50.0		81.0	47.4-139	1.71	35	
1,2-Dichloroethane	46.8	5.00	"	50.0		93.6	54.6-140	0.00	31.5	
1,1-Dichloroethene	41.1	5.00	"	50.0		82.2	35.5-135	0.969	35	
cis-1,2-Dichloroethene	42.8	5.00	"	50.0		85.6	52.5-136	2.08	32.9	
trans-1,2-Dichloroethene	43.3	5.00	"	50.0		86.6	47.8-133	0.920	35	
1,2-Dichloropropane	42.7	5.00	"	50.0		85.4	68.3-124	1.16	27.4	
1,3-Dichloropropene (cis + trans)	85.3	3.00	"	100		85.3	60.9-140	1.17	35	
Ethylbenzene	44.6	5.00	"	50.0		89.2	50.7-127	0.449	35	
2-Hexanone	110	10.0	"	100		110	10-150	0.00	35	
Methylene chloride	42.8	5.00	"	50.0		85.6	25.4-150	1.16	35	
4-Methyl-2-pentanone	111	10.0	"	100		111	10-150	0.905	35	
Methyl tert-butyl ether	41.8	5.00	"	50.0		83.6	47.3-150	1.90	35	
Styrene	42.0	5.00	"	50.0		84.0	48.3-127	0.00	35	
1,1,2,2-Tetrachloroethane	51.9	5.00	"	50.0		104	30.4-150	0.580	35	
Tetrachloroethene	45.9	5.00	"	50.0		91.8	46.7-131	0.00	35	
Toluene	44.0	5.00	"	50.0		88.0	53.6-127	0.913	35	

TestAmerica Analytical - Buffalo Grove

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Reviewed &  
Approved by:

*Margaret Knies*

Margaret Knies, Extractionist

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604127  
Reported: 04/18/06 17:34

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040335 - EPA 5035B [P/T]


#### LCS Dup (6040335-BSD1)

Prepared: 04/17/06 Analyzed: 04/18/06

1,1,1-Trichloroethane	44.1	5.00	ug/kg wet	50.0		88.2	49.3-136	1.80	35	
1,1,2-Trichloroethane	49.4	5.00	"	50.0		98.8	57.2-146	0.806	30.2	
Trichloroethene	46.8	5.00	"	50.0		93.6	55-128	3.98	35	
Trichlorofluoromethane	37.8	5.00	"	50.0		75.6	10-150	1.05	35	
Vinyl acetate	ND	10.0	"	100			10-150		35	L
Vinyl chloride	41.8	5.00	"	50.0		83.6	28.4-150	0.715	35	
Total Xylenes	131	10.0	"	150		87.3	43.1-136	0.766	35	
Surrogate: Dibromofluoromethane	44.0		"	50.0		88.0	55.9-150			
Surrogate: 1,2-Dichloroethane-d4	52.9		"	50.0		106	47.5-150			
Surrogate: Toluene-d8	50.0		"	50.0		100	55.4-145			
Surrogate: 4-Bromofluorobenzene	52.6		"	50.0		105	40.4-137			

TestAmerica Analytical - Buffalo Grove

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Reviewed & Approved by: 

Margaret Knies, Extractionist



Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604127  
Reported: 04/18/06 17:34

## Percent Solids - Quality Control TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 6040206 - General Prep</b>										
<b>Blank (6040206-BLK1)</b>					Prepared: 04/11/06 Analyzed: 04/12/06					
% Solids	ND	0.200	%							
<b>Blank (6040206-BLK2)</b>					Prepared: 04/11/06 Analyzed: 04/12/06					
% Solids	ND	0.200	%							
<b>Duplicate (6040206-DUP1)</b>					Source: B604118-15 Prepared: 04/11/06 Analyzed: 04/12/06					
% Solids	89.8	0.200	%		89.2			0.670	20	
<b>Duplicate (6040206-DUP2)</b>					Source: B604118-16 Prepared: 04/11/06 Analyzed: 04/12/06					
% Solids	85.1	0.200	%		82.8			2.74	20	

TestAmerica Analytical - Buffalo Grove

Reviewed & Approved by: Margaret Kniest

Margaret Kniest, Extractionist

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Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604127  
Reported: 04/18/06 17:34

### Notes and Definitions

- QC The result for one or more quality control measurements associated with this sample did not meet the laboratory and/or source method acceptance criteria.
- G23 The sample was diluted due to the presence of high concentrations of non-target analytes.
- A The concentration of the analyte detected in the sample is characteristic of a laboratory artifact.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference
- L This quality control measurement is below the laboratory established limit.
- H This quality control measurement is above the laboratory established limit.
- ~ The laboratory is not NELAP accredited for this analyte by the indicated matrix and method.
- ^^ The State of Illinois Accrediting Authority does not offer NELAP accreditation for this analyte by the indicated matrix and method.

Note: All analytes, by matrix and method, are accredited following current NELAP standards unless specifically noted by way of a qualifier listed above.

TestAmerica--Buffalo Grove, IL Wisconsin DNR Certification Lab ID: 999917160  
TestAmerica--Buffalo Grove, IL NELAP Primary Accreditation: Illinois #100261  
TestAmerica--Buffalo Grove, IL NELAP Secondary Accreditation: New Jersey #1L001  
TestAmerica--Nashville, TN NELAP Secondary Accreditation: Illinois #200010  
TestAmerica--Dayton, OH NELAP Secondary Accreditation: Illinois #200008  
TestAmerica--Watertown, WI NELAP Primary Accreditation: Illinois #100453  
TestAmerica--Watertown, WI Wisconsin DNR Certification Lab ID: 128053530



TestAmerica Analytical - Buffalo Grove

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Reviewed &  
Approved by:

*Margaret Knies*

Margaret Knies, Extractionist

1520 Kensington Road, Suite 204, Oak Brook, Illinois 60523-2139  
Phone: 630-993-2100 Fax: 630-993-9017

Page / of

## PROJECT INFORMATION

**PRESERVATIVE**

## COMMENTS

\* Run metal analyses using methods with lowest reporting limit needed to meet TACO background concentrations and remediation objectives.

REQUESTED SAMPLE ANALYSIS

BTEX by 5035/8260B	PNAS by 8310	VOCs by 5035/8260B	SVOCs by 8270C	PCBs by 8082	Pesticides by 8081A	Total RCRA Metals *	(6010B/7000A	Total Priority Pollutant*	Metals 6010B/7000A	Organic Carbon Content by ASTM 2974-87
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Relinquished by Collector:		Received by: 1.		Relinquished by: 1.		Received by: 2.		Relinquished by: 2.		Received by: (lab)	
Signature:	Time:	Signature:	Time:	Signature:	Time:	Signature:	Time:	Signature:	Time:	Signature:	Time:
Sam 07:24	07:24 AM	W. E. May	9:40 AM	W. E. May	9:40 AM	W. E. May	9:40 AM	W. E. May	9:40 AM	W. E. May	9:40 AM
Printed Name:	Date:	Printed Name:	Date:	Printed Name:	Date:	Printed Name:	Date:	Printed Name:	Date:	Printed Name:	Date:
W. E. May	4/11/06	W. E. May	4/11/06	W. E. May	4/11/06	W. E. May	4/11/06	W. E. May	4/11/06	W. E. May	4/11/06
Company:		Company:		Company:		Company:		Company:		Company:	
NPE		NPE		NPE		NPE		NPE		NPE	
Sample Temp:	Condition of Sample Containers:										
60°C											



19 April 2006

Lab ID: B604156

Kim Janson  
Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

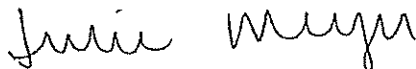
RE: Sachnoff & Weaver Phase II

Enclosed are the results of analyses for samples received by the laboratory on 04/12/06. The sample results relate only to the tested analytes of interest and to the sample as received by the laboratory. At the time of analysis, the laboratory was in compliance with current NELAP standards and held accreditation for all analyses performed unless noted by a qualifier. The laboratory's Illinois NELAP accreditation number is 100261.

This report can not be reproduced, except in full, without written approval from the laboratory. If you have any questions concerning this report, please feel free to contact Jim Knapp or Margaret Kniest.

Sincerely,

**TestAmerica Analytical Testing Corporation**



Julie Meyer  
Laboratory Director



James Knapp  
Quality Assurance Manager

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604156  
Reported: 04/19/06 17:41

## ANALYTICAL REPORT FOR SAMPLES


Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GP-4 ( 4-8 )	B604156-01	Soil	04/11/06 09:50	04/12/06 15:30
GP-5 ( 4-6 )	B604156-02	Soil	04/11/06 11:20	04/12/06 15:30
GP-5 ( 6-8 )	B604156-03	Soil	04/11/06 11:22	04/12/06 15:30
GP-6 ( 4-6 )	B604156-04	Soil	04/11/06 14:32	04/12/06 15:30
GP-6 ( 8-10 )	B604156-05	Soil	04/11/06 14:39	04/12/06 15:30
GP-6 ( 14-16 )	B604156-06	Soil	04/11/06 15:06	04/12/06 15:30
Trip Blank	B604156-07	Water	04/11/06 00:00	04/12/06 15:30

### Sample Receipt Notes

Please note that the chain of custody (COC) included with this report is considered part of the report. The data user should review any comments or notes made on the COC. Any receipt issues found by the laboratory that are not noted on the COC will be stated below.

All sample container custody seals are intact.

TestAmerica Analytical - Buffalo Grove

Reviewed &  
Approved by: 

Margaret Knies, Extractionist

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Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604156  
Reported: 04/19/06 17:41


## Volatile Organic Compounds by EPA Method 8260B

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GP-4 (4-8) (B604156-01) Soil Sampled: 04/11/06 09:50 Received: 04/12/06 15:30									
Acetone	23.7	21.1	ug/kg dry	1	6040347	04/18/06	04/19/06	EPA 8260B	A, B
Benzene	ND	4.23	"	"	"	"	"	"	
Bromodichloromethane	ND	4.23	"	"	"	"	"	"	
Bromoform	ND	4.23	"	"	"	"	"	"	
Bromomethane	ND	4.23	"	"	"	"	"	"	
2-Butanone	ND	8.46	"	"	"	"	"	"	
Carbon disulfide	ND	4.23	"	"	"	"	"	"	
Carbon tetrachloride	ND	4.23	"	"	"	"	"	"	
Chlorobenzene	ND	4.23	"	"	"	"	"	"	
Chlorodibromomethane	ND	4.23	"	"	"	"	"	"	
Chloroethane	ND	4.23	"	"	"	"	"	"	
Chloroform	ND	4.23	"	"	"	"	"	"	
Chloromethane	ND	4.23	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.23	"	"	"	"	"	"	
1,2-Dichloroethane	ND	4.23	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.23	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.23	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.23	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.23	"	"	"	"	"	"	
1,3-Dichloropropene (cis + trans)	ND	2.54	"	"	"	"	"	"	
Ethylbenzene	ND	4.23	"	"	"	"	"	"	
2-Hexanone	ND	8.46	"	"	"	"	"	"	
Methylene chloride	ND	4.23	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	8.46	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	4.23	"	"	"	"	"	"	
Styrene	ND	4.23	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	4.23	"	"	"	"	"	"	
Tetrachloroethene	ND	4.23	"	"	"	"	"	"	
Toluene	ND	4.23	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	4.23	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	4.23	"	"	"	"	"	"	
Trichloroethene	ND	4.23	"	"	"	"	"	"	
Trichlorofluoromethane	ND	4.23	"	"	"	"	"	"	
Vinyl acetate	ND	8.46	"	"	"	"	"	"	
Vinyl chloride	ND	4.23	"	"	"	"	"	"	
Total Xylenes	ND	8.46	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		100 %	55.9-150		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	47.5-150		"	"	"	"	
Surrogate: Toluene-d8		100 %	55.4-145		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		90.1 %	40.4-137		"	"	"	"	

TestAmerica Analytical - Buffalo Grove

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Reviewed & Approved by: 

Margaret Kniet, Extractionist



Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604156  
Reported: 04/19/06 17:41


## Volatile Organic Compounds by EPA Method 8260B

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GP-5 (4-6) (B604156-02) Soil Sampled: 04/11/06 11:20 Received: 04/12/06 15:30									
Acetone	ND	24.7	ug/kg dry	1	6040347	04/18/06	04/19/06	EPA 8260B	
Benzene	ND	4.94	"	"	"	"	"	"	
Bromodichloromethane	ND	4.94	"	"	"	"	"	"	
Bromoform	ND	4.94	"	"	"	"	"	"	
Bromomethane	ND	4.94	"	"	"	"	"	"	
2-Butanone	ND	9.87	"	"	"	"	"	"	
Carbon disulfide	ND	4.94	"	"	"	"	"	"	
Carbon tetrachloride	ND	4.94	"	"	"	"	"	"	
Chlorobenzene	ND	4.94	"	"	"	"	"	"	
Chlorodibromomethane	ND	4.94	"	"	"	"	"	"	
Chloroethane	ND	4.94	"	"	"	"	"	"	
Chloroform	ND	4.94	"	"	"	"	"	"	
Chloromethane	ND	4.94	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.94	"	"	"	"	"	"	
1,2-Dichloroethane	ND	4.94	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.94	"	"	"	"	"	"	
cis-1,2-Dichloroethene	228	4.94	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.94	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.94	"	"	"	"	"	"	
1,3-Dichloropropene (cis + trans)	ND	2.96	"	"	"	"	"	"	
Ethylbenzene	ND	4.94	"	"	"	"	"	"	
2-Hexanone	ND	9.87	"	"	"	"	"	"	
Methylene chloride	ND	4.94	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	9.87	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	4.94	"	"	"	"	"	"	
Styrene	ND	4.94	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	4.94	"	"	"	"	"	"	
Tetrachloroethene	ND	4.94	"	"	"	"	"	"	
Toluene	ND	4.94	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	4.94	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	4.94	"	"	"	"	"	"	
Trichlorofluoromethane	ND	4.94	"	"	"	"	"	"	
Vinyl acetate	ND	9.87	"	"	"	"	"	"	
Vinyl chloride	ND	4.94	"	"	"	"	"	"	
Total Xylenes	ND	9.87	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		97.2 %		55.9-150	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		96.0 %		47.5-150	"	"	"	"	
Surrogate: Toluene-d8		97.0 %		55.4-145	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		90.7 %		40.4-137	"	"	"	"	

TestAmerica Analytical - Buffalo Grove

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Reviewed & Approved by: 

Margaret Kniet, Extractionist

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604156  
Reported: 04/19/06 17:41

## Volatile Organic Compounds by EPA Method 8260B

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GP-5 ( 4-6 ) (B604156-02RE2) Soil Sampled: 04/11/06 11:20 Received: 04/12/06 15:30									
Trichloroethene	16800	2960	ug/kg dry	500	6040347	04/19/06	04/19/06	EPA 8260B	
Surrogate: Dibromofluoromethane		98.2 %	40.7-150		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		105 %	44.3-150		"	"	"	"	
Surrogate: Toluene-d8		87.6 %	48.7-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.3 %	36.5-147		"	"	"	"	
GP-6 ( 4-6 ) (B604156-04RE1) Soil Sampled: 04/11/06 14:32 Received: 04/12/06 15:30									
Acetone	ND	22.9	ug/kg dry	1	6040347	04/19/06	04/19/06	EPA 8260B	
Benzene	ND	4.59	"	"	"	"	"	"	
Bromodichloromethane	ND	4.59	"	"	"	"	"	"	
Bromoform	ND	4.59	"	"	"	"	"	"	
Bromomethane	ND	4.59	"	"	"	"	"	"	
2-Butanone	ND	9.17	"	"	"	"	"	"	
Carbon disulfide	ND	4.59	"	"	"	"	"	"	
Carbon tetrachloride	ND	4.59	"	"	"	"	"	"	
Chlorobenzene	ND	4.59	"	"	"	"	"	"	
Chlorodibromomethane	ND	4.59	"	"	"	"	"	"	
Chloroethane	ND	4.59	"	"	"	"	"	"	
Chloroform	ND	4.59	"	"	"	"	"	"	
Chloromethane	ND	4.59	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.59	"	"	"	"	"	"	
1,2-Dichloroethane	ND	4.59	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.59	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.59	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.59	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.59	"	"	"	"	"	"	
1,3-Dichloropropene (cis + trans)	ND	2.75	"	"	"	"	"	"	
Ethylbenzene	ND	4.59	"	"	"	"	"	"	
2-Hexanone	ND	9.17	"	"	"	"	"	"	
Methylene chloride	ND	4.59	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	9.17	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	4.59	"	"	"	"	"	"	
Styrene	ND	4.59	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	4.59	"	"	"	"	"	"	
Tetrachloroethene	ND	4.59	"	"	"	"	"	"	
Toluene	ND	4.59	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	4.59	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	4.59	"	"	"	"	"	"	
Trichloroethene	ND	4.59	"	"	"	"	"	"	
Trichlorofluoromethane	ND	4.59	"	"	"	"	"	"	
Vinyl acetate	ND	9.17	"	"	"	"	"	"	
Vinyl chloride	ND	4.59	"	"	"	"	"	"	

TestAmerica Analytical - Buffalo Grove

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Reviewed &  
Approved by:

*Margaret Knies*

Margaret Knies, Extractionist

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604156  
Reported: 04/19/06 17:41

## Volatile Organic Compounds by EPA Method 8260B

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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GP-6 ( 4-6 ) (B604156-04RE1) Soil Sampled: 04/11/06 14:32 Received: 04/12/06 15:30

Total Xylenes	ND	9.17	ug/kg dry	1	6040347	04/19/06	04/19/06	EPA 8260B	
Surrogate: Dibromofluoromethane		104 %	55.9-150		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		95.4 %	47.5-150		"	"	"	"	
Surrogate: Toluene-d8		102 %	55.4-145		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92.6 %	40.4-137		"	"	"	"	

Trip Blank (B604156-07) Water Sampled: 04/11/06 00:00 Received: 04/12/06 15:30

Acetone	ND	10.0	ug/l	1	6040307	04/17/06	04/18/06	EPA 8260B	
Benzene	ND	2.00	"	"	"	"	"	"	
Bromodichloromethane	ND	2.00	"	"	"	"	"	"	
Bromoform	ND	1.00	"	"	"	"	"	"	
Bromomethane	ND	2.00	"	"	"	"	"	"	
2-Butanone	ND	10.0	"	"	"	"	"	"	
Carbon disulfide	ND	2.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.00	"	"	"	"	"	"	
Chlorobenzene	ND	2.00	"	"	"	"	"	"	
Chlorodibromomethane	ND	2.00	"	"	"	"	"	"	
Chloroethane	ND	2.00	"	"	"	"	"	"	
Chloroform	ND	2.00	"	"	"	"	"	"	
Chloromethane	ND	2.00	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.00	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.00	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.00	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.00	"	"	"	"	"	"	
1,3-Dichloropropene (cis + trans)	ND	2.00	"	"	"	"	"	"	
Ethylbenzene	ND	2.00	"	"	"	"	"	"	
2-Hexanone	ND	10.0	"	"	"	"	"	"	
Methylene chloride	ND	2.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	10.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.00	"	"	"	"	"	"	
Styrene	ND	2.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.00	"	"	"	"	"	"	
Tetrachloroethene	ND	2.00	"	"	"	"	"	"	
Toluene	ND	2.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.00	"	"	"	"	"	"	
Trichloroethene	ND	2.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.00	"	"	"	"	"	"	
Vinyl acetate	ND	2.00	"	"	"	"	"	"	
Vinyl chloride	ND	2.00	"	"	"	"	"	"	

TestAmerica Analytical - Buffalo Grove

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Reviewed &  
Approved by:

*Margaret Kniest*

Margaret Kniest, Extractionist



Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604156  
Reported: 04/19/06 17:41


## Volatile Organic Compounds by EPA Method 8260B

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Trip Blank (B604156-07) Water Sampled: 04/11/06 00:00 Received: 04/12/06 15:30									
Total Xylenes	ND	4.00	ug/l	1	6040307	04/17/06	04/18/06	EPA 8260B	
Surrogate: Dibromofluoromethane		89.4 %	69.8-133		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		91.4 %	61.2-141		"	"	"	"	
Surrogate: Toluene-d8		100 %	75.8-118		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		93.4 %	68.9-123		"	"	"	"	

TestAmerica Analytical - Buffalo Grove

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Margaret Kniest, Extractionist

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1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604156  
Reported: 04/19/06 17:41

## Percent Solids

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GP-4 ( 4-8 ) (B604156-01) Soil Sampled: 04/11/06 09:50 Received: 04/12/06 15:30									
% Solids	90.0	0.200	%	1	6040245	04/13/06	04/13/06	EPA 5035 7.5	
GP-5 ( 4-6 ) (B604156-02) Soil Sampled: 04/11/06 11:20 Received: 04/12/06 15:30									
% Solids	84.4	0.200	%	1	6040245	04/13/06	04/13/06	EPA 5035 7.5	
GP-6 ( 4-6 ) (B604156-04) Soil Sampled: 04/11/06 14:32 Received: 04/12/06 15:30									
% Solids	84.5	0.200	%	1	6040245	04/13/06	04/13/06	EPA 5035 7.5	

TestAmerica Analytical - Buffalo Grove

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*Margaret Kniest*

Margaret Kniest, Extractionist

Mostardi Platt Environmental  
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Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604156  
Reported: 04/19/06 17:41

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040307 - EPA 5030B (P/T)


#### Blank (6040307-BLK1)

Prepared: 04/17/06 Analyzed: 04/18/06

Acetone	ND	10.0	ug/l
Benzene	ND	2.00	"
Bromodichloromethane	ND	2.00	"
Bromoform	ND	1.00	"
Bromomethane	ND	2.00	"
2-Butanone	ND	10.0	"
Carbon disulfide	ND	2.00	"
Carbon tetrachloride	ND	2.00	"
Chlorobenzene	ND	2.00	"
Chlorodibromomethane	ND	2.00	"
Chloroethane	ND	2.00	"
Chloroform	ND	2.00	"
Chloromethane	ND	2.00	"
1,1-Dichloroethane	ND	2.00	"
1,2-Dichloroethane	ND	2.00	"
1,1-Dichloroethene	ND	2.00	"
cis-1,2-Dichloroethene	ND	2.00	"
trans-1,2-Dichloroethene	ND	2.00	"
1,2-Dichloropropane	ND	2.00	"
1,3-Dichloropropene (cis + trans)	ND	2.00	"
Ethylbenzene	ND	2.00	"
2-Hexanone	ND	10.0	"
Methylene chloride	ND	2.00	"
4-Methyl-2-pentanone	ND	10.0	"
Methyl tert-butyl ether	ND	2.00	"
Styrene	ND	2.00	"
1,1,2,2-Tetrachloroethane	ND	2.00	"
Tetrachloroethene	ND	2.00	"
Toluene	ND	2.00	"
1,1,1-Trichloroethane	ND	2.00	"
1,1,2-Trichloroethane	ND	2.00	"
Trichloroethene	ND	2.00	"
Trichlorofluoromethane	ND	2.00	"
Vinyl acetate	ND	2.00	"
Vinyl chloride	ND	2.00	"

TestAmerica Analytical - Buffalo Grove

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Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604156  
Reported: 04/19/06 17:41

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040307 - EPA 5030B (P/T)

##### Blank (6040307-BLK1)

Prepared: 04/17/06 Analyzed: 04/18/06

Total Xylenes	ND	4.00	ug/l							
Surrogate: Dibromofluoromethane	44.4		"	50.0		88.8	69.8-133			
Surrogate: 1,2-Dichloroethane-d4	44.8		"	50.0		89.6	61.2-141			
Surrogate: Toluene-d8	50.0		"	50.0		100	75.8-118			
Surrogate: 4-Bromofluorobenzene	47.4		"	50.0		94.8	68.9-123			

##### LCS (6040307-BS1)

Prepared: 04/17/06 Analyzed: 04/18/06

Acetone	77.6	10.0	ug/l	100		77.6	10-150			
Benzene	51.1	2.00	"	50.0		102	66-127			
Bromodichloromethane	54.4	2.00	"	50.0		109	70.2-136			
Bromoform	46.6	1.00	"	50.0		93.2	44.6-150			
Bromomethane	51.6	2.00	"	50.0		103	10-150			
2-Butanone	94.9	10.0	"	100		94.9	10-150			
Carbon disulfide	88.7	2.00	"	100		88.7	10-150			
Carbon tetrachloride	48.6	2.00	"	50.0		97.2	56.1-137			
Chlorobenzene	52.4	2.00	"	50.0		105	75.3-123			
Chlorodibromomethane	53.3	2.00	"	50.0		107	66.5-140			
Chloroethane	53.8	2.00	"	50.0		108	30.4-150			
Chloroform	48.5	2.00	"	50.0		97.0	64.5-135			
Chloromethane	47.7	2.00	"	50.0		95.4	22-150			
1,1-Dichloroethane	47.4	2.00	"	50.0		94.8	57.6-140			
1,2-Dichloroethane	50.0	2.00	"	50.0		100	62-142			
1,1-Dichloroethene	44.4	2.00	"	50.0		88.8	49.4-128			
cis-1,2-Dichloroethene	50.1	2.00	"	50.0		100	69.2-134			
trans-1,2-Dichloroethene	46.7	2.00	"	50.0		93.4	57.6-135			
1,2-Dichloropropane	49.4	2.00	"	50.0		98.8	67.5-132			
1,3-Dichloropropene (cis + trans)	99.7	2.00	"	100		99.7	66.2-137			
Ethylbenzene	51.4	2.00	"	50.0		103	69.5-129			
2-Hexanone	89.0	10.0	"	100		89.0	10-150			
Methylene chloride	46.1	2.00	"	50.0		92.2	43.2-150			
4-Methyl-2-pentanone	93.3	10.0	"	100		93.3	27.2-150			
Methyl tert-butyl ether	44.7	2.00	"	50.0		89.4	66.8-141			
Styrene	51.9	2.00	"	50.0		104	65.6-134			
1,1,2,2-Tetrachloroethane	46.5	2.00	"	50.0		93.0	56-146			
Tetrachloroethene	53.5	2.00	"	50.0		107	61.9-133			
Toluene	49.8	2.00	"	50.0		99.6	70.5-123			

TestAmerica Analytical - Buffalo Grove

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*Margaret Knies*

Margaret Knies, Extractionist

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1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604156  
Reported: 04/19/06 17:41

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040307 - EPA 5030B (P/T)

##### LCS (6040307-BS1)

Prepared: 04/17/06 Analyzed: 04/18/06

1,1,1-Trichloroethane	48.8	2.00	ug/l	50.0		97.6	60.1-137			
1,1,2-Trichloroethane	52.1	2.00	"	50.0		104	77-132			
Trichloroethene	53.5	2.00	"	50.0		107	65.3-132			
Trichlorofluoromethane	41.6	2.00	"	50.0		83.2	47.2-150			
Vinyl acetate	87.0	2.00	"	100		87.0	10-150			
Vinyl chloride	45.2	2.00	"	50.0		90.4	39.1-150			
Total Xylenes	154	4.00	"	150		103	64.4-131			
Surrogate: Dibromofluoromethane	42.7		"	50.0		85.4	69.8-133			
Surrogate: 1,2-Dichloroethane-d4	47.4		"	50.0		94.8	61.2-141			
Surrogate: Toluene-d8	50.0		"	50.0		100	75.8-118			
Surrogate: 4-Bromofluorobenzene	52.3		"	50.0		105	68.9-123			


##### Matrix Spike (6040307-MS1)

Source: B604157-01RE1 Prepared: 04/17/06 Analyzed: 04/18/06

Acetone	88.4	10.0	ug/l	100	ND	88.4	10-150			
Benzene	50.5	2.00	"	50.0	ND	101	54.8-135			
Bromodichloromethane	54.3	2.00	"	50.0	ND	109	63-141			
Bromoform	49.9	1.00	"	50.0	ND	99.8	39.2-150			
Bromomethane	44.3	2.00	"	50.0	ND	88.6	10-150			
2-Butanone	109	10.0	"	100	ND	109	10-150			
Carbon disulfide	90.6	2.00	"	100	ND	90.6	10-150			
Carbon tetrachloride	48.1	2.00	"	50.0	ND	96.2	50.4-138			
Chlorobenzene	52.9	2.00	"	50.0	ND	106	69.5-127			
Chlorodibromomethane	55.2	2.00	"	50.0	ND	110	61.9-141			
Chloroethane	37.1	2.00	"	50.0	ND	74.2	18.3-150			
Chloroform	48.5	2.00	"	50.0	ND	97.0	54.1-142			
Chloromethane	48.9	2.00	"	50.0	ND	97.8	19.1-150			
1,1-Dichloroethane	47.1	2.00	"	50.0	ND	94.2	51.9-141			
1,2-Dichloroethane	51.4	2.00	"	50.0	ND	103	55.5-147			
1,1-Dichloroethene	44.8	2.00	"	50.0	ND	89.6	36.2-135			
cis-1,2-Dichloroethene	49.7	2.00	"	50.0	ND	99.4	53.1-146			
trans-1,2-Dichloroethene	47.5	2.00	"	50.0	ND	95.0	53.7-131			
1,2-Dichloropropane	48.6	2.00	"	50.0	ND	97.2	60.6-137			
1,3-Dichloropropene (cis + trans)	99.9	2.00	"	100	ND	99.9	16.7-150			
Ethylbenzene	51.0	2.00	"	50.0	ND	102	62.8-133			
2-Hexanone	97.2	10.0	"	100	ND	97.2	11.6-148			
Methylene chloride	46.7	2.00	"	50.0	ND	93.4	33.8-150			

TestAmerica Analytical - Buffalo Grove

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Reviewed & Approved by: 

Margaret Knies, Extractionist

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604156  
Reported: 04/19/06 17:41

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040307 - EPA 5030B (P/T)

Matrix Spike (6040307-MS1)		Source: B604157-01RE1 Prepared: 04/17/06 Analyzed: 04/18/06								
4-Methyl-2-pentanone	98.8	10.0	ug/l	100	ND	98.8	12.1-150			
Methyl tert-butyl ether	46.7	2.00	"	50.0	ND	93.4	52.6-150			
Styrene	48.5	2.00	"	50.0	ND	97.0	48.8-144			
1,1,2,2-Tetrachloroethane	51.8	2.00	"	50.0	ND	104	56.8-150			
Tetrachloroethene	69.5	2.00	"	50.0	19.4	100	50.8-136			
Toluene	49.5	2.00	"	50.0	ND	99.0	57.9-131			
1,1,1-Trichloroethane	47.8	2.00	"	50.0	ND	95.6	53.3-137			
1,1,2-Trichloroethane	53.5	2.00	"	50.0	ND	107	63.7-140			
Trichloroethene	51.1	2.00	"	50.0	0.730	101	47.2-131			
Trichlorofluoromethane	44.3	2.00	"	50.0	ND	88.6	10.8-150			
Vinyl acetate	100	2.00	"	100	ND	100	10-150			
Vinyl chloride	45.1	2.00	"	50.0	ND	90.2	13-150			
Total Xylenes	152	4.00	"	150	ND	101	45.9-146			
Surrogate: Dibromofluoromethane	44.1		"	50.0		88.2	69.8-133			
Surrogate: 1,2-Dichloroethane-d4	48.4		"	50.0		96.8	61.2-141			
Surrogate: Toluene-d8	49.6		"	50.0		99.2	75.8-118			
Surrogate: 4-Bromofluorobenzene	53.0		"	50.0		106	68.9-123			

Matrix Spike Dup (6040307-MSD1)		Source: B604157-01RE1 Prepared: 04/17/06 Analyzed: 04/18/06								
Acetone	82.0	10.0	ug/l	100	ND	82.0	10-150	7.51	40	
Benzene	49.5	2.00	"	50.0	ND	99.0	54.8-135	2.00	31.9	
Bromodichloromethane	52.4	2.00	"	50.0	ND	105	63-141	3.56	28.2	
Bromoform	48.0	1.00	"	50.0	ND	96.0	39.2-150	3.88	29.3	
Bromomethane	47.3	2.00	"	50.0	ND	94.6	10-150	6.55	40	
2-Butanone	103	10.0	"	100	ND	103	10-150	5.66	40	
Carbon disulfide	88.9	2.00	"	100	ND	88.9	10-150	1.89	40	
Carbon tetrachloride	46.9	2.00	"	50.0	ND	93.8	50.4-138	2.53	35.1	
Chlorobenzene	51.2	2.00	"	50.0	ND	102	69.5-127	3.27	38.4	
Chlorodibromomethane	54.0	2.00	"	50.0	ND	108	61.9-141	2.20	29.3	
Chloroethane	37.3	2.00	"	50.0	ND	74.6	18.3-150	0.538	40	
Chloroform	47.7	2.00	"	50.0	ND	95.4	54.1-142	1.66	29.1	
Chloromethane	47.8	2.00	"	50.0	ND	95.6	19.1-150	2.28	40	
1,1-Dichloroethane	45.5	2.00	"	50.0	ND	91.0	51.9-141	3.46	27.6	
1,2-Dichloroethane	50.0	2.00	"	50.0	ND	100	55.5-147	2.76	25.2	
1,1-Dichloroethene	44.4	2.00	"	50.0	ND	88.8	36.2-135	0.897	33.3	
cis-1,2-Dichloroethene	48.9	2.00	"	50.0	ND	97.8	53.1-146	1.62	29.2	

TestAmerica Analytical - Buffalo Grove

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Reviewed &  
Approved by:

*Margaret Knies*

Margaret Knies, Extractionist



Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604156  
Reported: 04/19/06 17:41

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040307 - EPA 5030B (P/T)

##### Matrix Spike Dup (6040307-MSD1)

Source: B604157-01RE1 Prepared: 04/17/06 Analyzed: 04/18/06

trans-1,2-Dichloroethene	45.7	2.00	ug/l	50.0	ND	91.4	53.7-131	3.86	32	
1,2-Dichloropropane	48.0	2.00	"	50.0	ND	96.0	60.6-137	1.24	26.8	
1,3-Dichloropropane (cis + trans)	97.9	2.00	"	100	ND	97.9	16.7-150	2.02	40	
Ethylbenzene	49.8	2.00	"	50.0	ND	99.6	62.8-133	2.38	40	
2-Hexanone	93.3	10.0	"	100	ND	93.3	11.6-148	4.09	40	
Methylene chloride	44.8	2.00	"	50.0	ND	89.6	33.8-150	4.15	36.8	
4-Methyl-2-pentanone	94.9	10.0	"	100	ND	94.9	12.1-150	4.03	40	
Methyl tert-butyl ether	44.7	2.00	"	50.0	ND	89.4	52.6-150	4.38	40	
Styrene	47.8	2.00	"	50.0	ND	95.6	48.8-144	1.45	40	
1,1,2,2-Tetrachloroethane	49.3	2.00	"	50.0	ND	98.6	56.8-150	4.95	25	
Tetrachloroethene	68.4	2.00	"	50.0	19.4	98.0	50.8-136	1.60	40	
Toluene	48.0	2.00	"	50.0	ND	96.0	57.9-131	3.08	38.7	
1,1,1-Trichloroethane	47.1	2.00	"	50.0	ND	94.2	53.3-137	1.48	38.2	
1,1,2-Trichloroethane	51.6	2.00	"	50.0	ND	103	63.7-140	3.62	27.4	
Trichloroethene	50.4	2.00	"	50.0	0.730	99.3	47.2-131	1.38	40	
Trichlorofluoromethane	41.4	2.00	"	50.0	ND	82.8	10.8-150	6.77	40	
Vinyl acetate	93.9	2.00	"	100	ND	93.9	10-150	6.29	40	
Vinyl chloride	44.2	2.00	"	50.0	ND	88.4	13-150	2.02	40	
Total Xylenes	148	4.00	"	150	ND	98.7	45.9-146	2.67	40	
Surrogate: Dibromofluoromethane	45.2		"	50.0		90.4	69.8-133			
Surrogate: 1,2-Dichloroethane-d4	48.3		"	50.0		96.6	61.2-141			
Surrogate: Toluene-d8	49.5		"	50.0		99.0	75.8-118			
Surrogate: 4-Bromofluorobenzene	52.7		"	50.0		105	68.9-123			

#### Batch 6040347 - EPA 5035B (P/T)


##### Blank (6040347-BLK1)

Prepared & Analyzed: 04/18/06

Acetone	ND	25.0	ug/kg wet
Benzene	ND	5.00	"
Bromodichloromethane	ND	5.00	"
Bromoform	ND	5.00	"
Bromomethane	ND	5.00	"
2-Butanone	ND	10.0	"
Carbon disulfide	ND	5.00	"
Carbon tetrachloride	ND	5.00	"
Chlorobenzene	ND	5.00	"

TestAmerica Analytical - Buffalo Grove

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Reviewed & Approved by: 

Margaret Knies, Extractionist

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604156  
Reported: 04/19/06 17:41

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040347 - EPA 5035B [P/T]

Prepared & Analyzed: 04/18/06

#### Blank (6040347-BLK1)

Chlorodibromomethane	ND	5.00	ug/kg wet							
Chloroethane	ND	5.00	"							
Chloroform	ND	5.00	"							
Chloromethane	ND	5.00	"							
1,1-Dichloroethane	ND	5.00	"							
1,2-Dichloroethane	ND	5.00	"							
1,1-Dichloroethene	ND	5.00	"							
cis-1,2-Dichloroethene	ND	5.00	"							
trans-1,2-Dichloroethene	ND	5.00	"							
1,2-Dichloropropane	ND	5.00	"							
1,3-Dichloropropene (cis + trans)	ND	3.00	"							
Ethylbenzene	ND	5.00	"							
2-Hexanone	ND	10.0	"							
Methylene chloride	ND	5.00	"							
4-Methyl-2-pentanone	ND	10.0	"							
Methyl tert-butyl ether	ND	5.00	"							
Styrene	ND	5.00	"							
1,1,2,2-Tetrachloroethane	ND	5.00	"							
Tetrachloroethene	ND	5.00	"							
Toluene	ND	5.00	"							
1,1,1-Trichloroethane	ND	5.00	"							
1,1,2-Trichloroethane	ND	5.00	"							
Trichloroethene	ND	5.00	"							
Trichlorofluoromethane	ND	5.00	"							
Vinyl acetate	ND	10.0	"							
Vinyl chloride	ND	5.00	"							
Total Xylenes	ND	10.0	"							
Surrogate: Dibromofluoromethane	49.5		"	50.0		99.0	55.9-150			
Surrogate: 1,2-Dichloroethane-d4	48.5		"	50.0		97.0	47.5-150			
Surrogate: Toluene-d8	50.7		"	50.0		101	55.4-145			
Surrogate: 4-Bromofluorobenzene	47.5		"	50.0		95.0	40.4-137			

TestAmerica Analytical - Buffalo Grove

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Reviewed &  
Approved by:

*Margaret Kniest*

Margaret Kniest, Extractionist

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604156  
Reported: 04/19/06 17:41

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove


Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040347 - EPA 5035B [P/T]

LCS (6040347-BS1)				Prepared: 04/18/06		Analyzed: 04/19/06	
Acetone	129	25.0	ug/kg wet	100	129	10-150	
Benzene	47.3	5.00	"	50.0	94.6	54.8-130	
Bromodichloromethane	50.5	5.00	"	50.0	101	55.7-137	
Bromoform	48.3	5.00	"	50.0	96.6	48.6-150	
Bromomethane	49.1	5.00	"	50.0	98.2	10-150	
2-Butanone	123	10.0	"	100	123	10-150	
Carbon disulfide	96.5	5.00	"	100	96.5	10-150	
Carbon tetrachloride	44.5	5.00	"	50.0	89.0	43.4-141	
Chlorobenzene	46.5	5.00	"	50.0	93.0	56.2-127	
Chlorodibromomethane	49.7	5.00	"	50.0	99.4	54.1-142	
Chloroethane	55.4	5.00	"	50.0	111	10-150	
Chloroform	49.0	5.00	"	50.0	98.0	53.7-135	
Chloromethane	51.5	5.00	"	50.0	103	12.4-150	
1,1-Dichloroethane	48.0	5.00	"	50.0	96.0	47.4-139	
1,2-Dichloroethane	49.1	5.00	"	50.0	98.2	54.6-140	
1,1-Dichloroethene	48.6	5.00	"	50.0	97.2	35.5-135	
cis-1,2-Dichloroethene	48.4	5.00	"	50.0	96.8	52.5-136	
trans-1,2-Dichloroethene	48.3	5.00	"	50.0	96.6	47.8-133	
1,2-Dichloropropane	45.5	5.00	"	50.0	91.0	68.3-124	
1,3-Dichloropropene (cis + trans)	96.2	3.00	"	100	96.2	60.9-140	
Ethylbenzene	45.8	5.00	"	50.0	91.6	50.7-127	
2-Hexanone	132	10.0	"	100	132	10-150	
Methylene chloride	50.2	5.00	"	50.0	100	25.4-150	
4-Methyl-2-pentanone	131	10.0	"	100	131	10-150	
Methyl tert-butyl ether	49.9	5.00	"	50.0	99.8	47.3-150	
Styrene	45.6	5.00	"	50.0	91.2	48.3-127	
1,1,2,2-Tetrachloroethane	55.3	5.00	"	50.0	111	30.4-150	
Tetrachloroethene	45.5	5.00	"	50.0	91.0	46.7-131	
Toluene	46.3	5.00	"	50.0	92.6	53.6-127	
1,1,1-Trichloroethane	48.1	5.00	"	50.0	96.2	49.3-136	
1,1,2-Trichloroethane	53.5	5.00	"	50.0	107	57.2-146	
Trichloroethene	45.7	5.00	"	50.0	91.4	55-128	
Trichlorofluoromethane	44.8	5.00	"	50.0	89.6	10-150	
Vinyl acetate	84.8	10.0	"	100	84.8	10-150	
Vinyl chloride	47.3	5.00	"	50.0	94.6	28.4-150	

TestAmerica Analytical - Buffalo Grove

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1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
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Lab ID: B604156  
Reported: 04/19/06 17:41

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040347 - EPA 5035B [P/T]

##### LCS (6040347-BS1)

Prepared: 04/18/06 Analyzed: 04/19/06

Total Xylenes	134	10.0	ug/kg wet	150		89.3	43.1-136			
Surrogate: Dibromofluoromethane	53.1		"	50.0		106	55.9-150			
Surrogate: 1,2-Dichloroethane-d4	53.4		"	50.0		107	47.5-150			
Surrogate: Toluene-d8	51.4		"	50.0		103	55.4-145			
Surrogate: 4-Bromofluorobenzene	53.5		"	50.0		107	40.4-137			

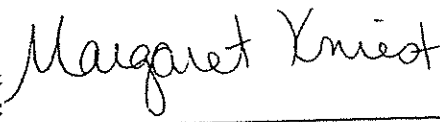
##### LCS Dup (6040347-BSD1)

Prepared: 04/18/06 Analyzed: 04/19/06

Acetone	127	25.0	ug/kg wet	100		127	10-150	1.56	35	
Benzene	49.2	5.00	"	50.0		98.4	54.8-130	3.94	35	
Bromodichloromethane	52.0	5.00	"	50.0		104	55.7-137	2.93	31.6	
Bromoform	50.4	5.00	"	50.0		101	48.6-150	4.26	35	
Bromomethane	49.1	5.00	"	50.0		98.2	10-150	0.00	35	
2-Butanone	132	10.0	"	100		132	10-150	7.06	35	
Carbon disulfide	98.2	5.00	"	100		98.2	10-150	1.75	35	
Carbon tetrachloride	46.3	5.00	"	50.0		92.6	43.4-141	3.96	35	
Chlorobenzene	48.7	5.00	"	50.0		97.4	56.2-127	4.62	35	
Chlorodibromomethane	51.6	5.00	"	50.0		103	54.1-142	3.75	34	
Chloroethane	56.5	5.00	"	50.0		113	10-150	1.97	35	
Chloroform	50.4	5.00	"	50.0		101	53.7-135	2.82	32.2	
Chloromethane	51.2	5.00	"	50.0		102	12.4-150	0.584	35	
1,1-Dichloroethane	48.8	5.00	"	50.0		97.6	47.4-139	1.65	35	
1,2-Dichloroethane	50.0	5.00	"	50.0		100	54.6-140	1.82	31.5	
1,1-Dichloroethene	48.6	5.00	"	50.0		97.2	35.5-135	0.00	35	
cis-1,2-Dichloroethene	50.4	5.00	"	50.0		101	52.5-136	4.05	32.9	
trans-1,2-Dichloroethene	50.4	5.00	"	50.0		101	47.8-133	4.26	35	
1,2-Dichloropropane	47.5	5.00	"	50.0		95.0	68.3-124	4.30	27.4	
1,3-Dichloropropene (cis + trans)	98.6	3.00	"	100		98.6	60.9-140	2.46	35	
Ethylbenzene	48.2	5.00	"	50.0		96.4	50.7-127	5.11	35	
2-Hexanone	136	10.0	"	100		136	10-150	2.99	35	
Methylene chloride	51.1	5.00	"	50.0		102	25.4-150	1.78	35	
4-Methyl-2-pentanone	134	10.0	"	100		134	10-150	2.26	35	
Methyl tert-butyl ether	50.7	5.00	"	50.0		101	47.3-150	1.59	35	
Styrene	47.0	5.00	"	50.0		94.0	48.3-127	3.02	35	
1,1,2,2-Tetrachloroethane	56.0	5.00	"	50.0		112	30.4-150	1.26	35	
Tetrachloroethene	49.1	5.00	"	50.0		98.2	46.7-131	7.61	35	
Toluene	48.5	5.00	"	50.0		97.0	53.6-127	4.64	35	

TestAmerica Analytical - Buffalo Grove

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Reviewed & Approved by: 

Margaret Knies, Extractionist

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson


Lab ID: B604156  
Reported: 04/19/06 17:41

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 6040347 - EPA 5035B [P/T]</b>										
<b>LCS Dup (6040347-BSD1)</b>				Prepared: 04/18/06 Analyzed: 04/19/06						
1,1,1-Trichloroethane	49.0	5.00	ug/kg wet	50.0		98.0	49.3-136	1.85	35	
1,1,2-Trichloroethane	54.2	5.00	"	50.0		108	57.2-146	1.30	30.2	
Trichloroethene	48.0	5.00	"	50.0		96.0	55-128	4.91	35	
Trichlorofluoromethane	46.9	5.00	"	50.0		93.8	10-150	4.58	35	
Vinyl acetate	68.7	10.0	"	100		68.7	10-150	21.0	35	
Vinyl chloride	47.8	5.00	"	50.0		95.6	28.4-150	1.05	35	
Total Xylenes	143	10.0	"	150		95.3	43.1-136	6.50	35	
Surrogate: Dibromofluoromethane	52.5		"	50.0		105	55.9-150			
Surrogate: 1,2-Dichloroethane-d4	52.0		"	50.0		104	47.5-150			
Surrogate: Toluene-d8	51.3		"	50.0		103	55.4-145			
Surrogate: 4-Bromofluorobenzene	53.4		"	50.0		107	40.4-137			

TestAmerica Analytical - Buffalo Grove

Reviewed & Approved by: 

Margaret Knies, Extractionist

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Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604156  
Reported: 04/19/06 17:41

## Percent Solids - Quality Control TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 6040245 - General Prep</b>										
<b>Blank (6040245-BLK1)</b>					Prepared & Analyzed: 04/13/06					
% Solids	ND	0.200	%							
<b>Blank (6040245-BLK2)</b>					Prepared & Analyzed: 04/13/06					
% Solids	ND	0.200	%							
<b>Duplicate (6040245-DUP1)</b>					Source: B604151-01 Prepared & Analyzed: 04/13/06					
% Solids	96.5	0.200	%		97.2			0.723	20	
<b>Duplicate (6040245-DUP2)</b>					Source: B604151-02 Prepared & Analyzed: 04/13/06					
% Solids	88.3	0.200	%		89.8			1.68	20	

TestAmerica Analytical - Buffalo Grove

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Reviewed & Approved by: Margaret Kniest

Margaret Kniest, Extractionist



Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604156  
Reported: 04/19/06 17:41

## Notes and Definitions

- B The method blank associated with this sample contains 17.83 ug/kg of this analyte.
- A The concentration of the analyte detected in the sample is characteristic of a laboratory artifact.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference
- L This quality control measurement is below the laboratory established limit.
- H This quality control measurement is above the laboratory established limit.
- ^ The laboratory is not NELAP accredited for this analyte by the indicated matrix and method.
- ^^ The State of Illinois Accrediting Authority does not offer NELAP accreditation for this analyte by the indicated matrix and method.
- Note: All analytes, by matrix and method, are accredited following current NELAP standards unless specifically noted by way of a qualifier listed above.

TestAmerica--Buffalo Grove, IL Wisconsin DNR Certification Lab ID: 999917160  
TestAmerica--Buffalo Grove, IL NELAP Primary Accreditation: Illinois #100261  
TestAmerica--Buffalo Grove, IL NELAP Secondary Accreditation: New Jersey #IL001  
TestAmerica--Nashville, TN NELAP Secondary Accreditation: Illinois #200010  
TestAmerica--Dayton, OH NELAP Secondary Accreditation: Illinois #200008  
TestAmerica--Watertown, WI NELAP Primary Accreditation: Illinois #100453  
TestAmerica--Watertown, WI Wisconsin DNR Certification Lab ID: 128053530



TestAmerica Analytical - Buffalo Grove

Reviewed &  
Approved by:

*Margaret Knies*

Margaret Knies, Extractionist

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20 April 2006

Lab ID: B604175

Kim Janson  
Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

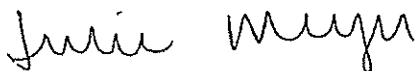
RE: Sachnoff & Weaver Phase II

Enclosed are the results of analyses for samples received by the laboratory on 04/13/06. The sample results relate only to the tested analytes of interest and to the sample as received by the laboratory. At the time of analysis, the laboratory was in compliance with current NELAP standards and held accreditation for all analyses performed unless noted by a qualifier. The laboratory's Illinois NELAP accreditation number is 100261.

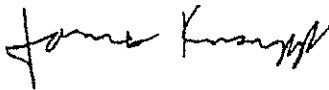
This report can not be reproduced, except in full, without written approval from the laboratory. If you have any questions concerning this report, please feel free to contact Jim Knapp or Margaret Kniest.

Sincerely,

**TestAmerica Analytical Testing Corporation**



Julie Meyer  
Laboratory Director



James Knapp  
Quality Assurance Manager



Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604175  
Reported: 04/20/06 17:52

## ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Trip Blank	B604175-01	Water	04/12/06 00:00	04/13/06 12:00
HS-1 (4-6)	B604175-02	Soil	04/12/06 09:43	04/13/06 12:00
HS-1 (6-8)	B604175-03	Soil	04/12/06 09:53	04/13/06 12:00
HS-1 (8-10)	B604175-04	Soil	04/12/06 09:59	04/13/06 12:00
HS-3 (16-18)	B604175-05	Soil	04/12/06 16:44	04/13/06 12:00
HS-3 (26-28)	B604175-06	Soil	04/12/06 17:27	04/13/06 12:00
GP-7 (0-2)	B604175-07	Soil	04/12/06 20:33	04/13/06 12:00
GP-7 (4-6)	B604175-08	Soil	04/12/06 20:43	04/13/06 12:00
GP-8 (0-2)	B604175-09	Soil	04/12/06 22:11	04/13/06 12:00
GP-8 (6-8)	B604175-10	Soil	04/12/06 22:23	04/13/06 12:00
GP-8 (14.5-16)	B604175-11	Soil	04/12/06 22:58	04/13/06 12:00
HS-2 (10-12)	B604175-12	Soil	04/12/06 14:43	04/13/06 12:00
GP-7 (2-4)	B604175-13	Soil	04/12/06 00:00	04/13/06 12:00

### Sample Receipt Notes

Please note that the chain of custody (COC) included with this report is considered part of the report. The data user should review any comments or notes made on the COC. Any receipt issues found by the laboratory that are not noted on the COC will be stated below.

All sample container custody seals are intact.

TestAmerica Analytical - Buffalo Grove

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Reviewed &  
Approved by:

*Margaret Knies*

Margaret Knies, Extractionist

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604175  
Reported: 04/20/06 17:52

## Volatile Organic Compounds by EPA Method 8260B

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
HS-1 (4-6) (B604175-02) Soil Sampled: 04/12/06 09:43 Received: 04/13/06 12:00									
Acetone	ND	23.0	ug/kg dry	1	6040347	04/18/06	04/20/06	EPA 8260B	
Benzene	ND	4.59	"	"	"	"	"	"	
Bromodichloromethane	ND	4.59	"	"	"	"	"	"	
Bromoform	ND	4.59	"	"	"	"	"	"	
Bromomethane	ND	4.59	"	"	"	"	"	"	
2-Butanone	ND	9.18	"	"	"	"	"	"	
Carbon disulfide	ND	4.59	"	"	"	"	"	"	
Carbon tetrachloride	ND	4.59	"	"	"	"	"	"	
Chlorobenzene	ND	4.59	"	"	"	"	"	"	
Chlorodibromomethane	ND	4.59	"	"	"	"	"	"	
Chloroethane	ND	4.59	"	"	"	"	"	"	
Chloroform	ND	4.59	"	"	"	"	"	"	
Chloromethane	ND	4.59	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.59	"	"	"	"	"	"	
1,2-Dichloroethane	ND	4.59	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.59	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.59	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.59	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.59	"	"	"	"	"	"	
1,3-Dichloropropene (cis + trans)	ND	2.75	"	"	"	"	"	"	
Ethylbenzene	ND	4.59	"	"	"	"	"	"	
2-Hexanone	ND	9.18	"	"	"	"	"	"	
Methylene chloride	ND	4.59	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	9.18	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	4.59	"	"	"	"	"	"	
Styrene	ND	4.59	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	4.59	"	"	"	"	"	"	
Tetrachloroethene	ND	4.59	"	"	"	"	"	"	
Toluene	ND	4.59	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	4.59	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	4.59	"	"	"	"	"	"	
Trichloroethene	ND	4.59	"	"	"	"	"	"	
Trichlorofluoromethane	ND	4.59	"	"	"	"	"	"	
Vinyl acetate	ND	9.18	"	"	"	"	"	"	
Vinyl chloride	ND	4.59	"	"	"	"	"	"	
Total Xylenes	ND	9.18	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		106 %	55.9-150		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		113 %	47.5-150		"	"	"	"	
Surrogate: Toluene-d8		101 %	55.4-145		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92.2 %	40.4-137		"	"	"	"	

TestAmerica Analytical - Buffalo Grove

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Reviewed &  
Approved by:

*Margaret Kniest*

Margaret Kniest, Extractionist

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604175  
Reported: 04/20/06 17:52

## Volatile Organic Compounds by EPA Method 8260B

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GP-7 (0-2) (B604175-07) Soil Sampled: 04/12/06 20:33 Received: 04/13/06 12:00									
Acetone	ND	23.4	ug/kg dry	1	6040347	04/18/06	04/20/06	EPA 8260B	
Benzene	ND	4.69	"	"	"	"	"	"	
Bromodichloromethane	ND	4.69	"	"	"	"	"	"	
Bromoform	ND	4.69	"	"	"	"	"	"	
Bromomethane	ND	4.69	"	"	"	"	"	"	
2-Butanone	ND	9.38	"	"	"	"	"	"	
Carbon disulfide	ND	4.69	"	"	"	"	"	"	
Carbon tetrachloride	ND	4.69	"	"	"	"	"	"	
Chlorobenzene	ND	4.69	"	"	"	"	"	"	
Chlorodibromomethane	ND	4.69	"	"	"	"	"	"	
Chloroethane	ND	4.69	"	"	"	"	"	"	
Chloroform	ND	4.69	"	"	"	"	"	"	
Chloromethane	ND	4.69	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.69	"	"	"	"	"	"	
1,2-Dichloroethane	ND	4.69	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.69	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.69	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.69	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.69	"	"	"	"	"	"	
1,3-Dichloropropene (cis + trans)	ND	2.81	"	"	"	"	"	"	
Ethylbenzene	ND	4.69	"	"	"	"	"	"	
2-Hexanone	ND	9.38	"	"	"	"	"	"	
Methylene chloride	ND	4.69	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	9.38	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	4.69	"	"	"	"	"	"	
Styrene	ND	4.69	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	4.69	"	"	"	"	"	"	
Tetrachloroethene	ND	4.69	"	"	"	"	"	"	
Toluene	ND	4.69	"	"	"	"	"	"	
1,1,1-Trichloroethane	8.84	4.69	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	4.69	"	"	"	"	"	"	
Trichloroethene	ND	4.69	"	"	"	"	"	"	
Trichlorofluoromethane	ND	4.69	"	"	"	"	"	"	
Vinyl acetate	ND	9.38	"	"	"	"	"	"	
Vinyl chloride	ND	4.69	"	"	"	"	"	"	
Total Xylenes	ND	9.38	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		105 %	55.9-150		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		114 %	47.5-150		"	"	"	"	
Surrogate: Toluene-d8		103 %	55.4-145		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	40.4-137		"	"	"	"	

TestAmerica Analytical - Buffalo Grove

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Reviewed &  
Approved by:

*Margaret Kniet*

Margaret Kniet, Extractionist



Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604175  
Reported: 04/20/06 17:52


## Volatile Organic Compounds by EPA Method 8260B

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GP-8 (0-2) (B604175-09) Soil Sampled: 04/12/06 22:11 Received: 04/13/06 12:00									
Acetone	ND	23.1	ug/kg dry	1	6040347	04/18/06	04/20/06	EPA 8260B	
Benzene	ND	4.63	"	"	"	"	"	"	
Bromodichloromethane	ND	4.63	"	"	"	"	"	"	
Bromoform	ND	4.63	"	"	"	"	"	"	
Bromomethane	ND	4.63	"	"	"	"	"	"	
2-Butanone	ND	9.25	"	"	"	"	"	"	
Carbon disulfide	ND	4.63	"	"	"	"	"	"	
Carbon tetrachloride	ND	4.63	"	"	"	"	"	"	
Chlorobenzene	ND	4.63	"	"	"	"	"	"	
Chlorodibromomethane	ND	4.63	"	"	"	"	"	"	
Chloroethane	ND	4.63	"	"	"	"	"	"	
Chloroform	ND	4.63	"	"	"	"	"	"	
Chloromethane	ND	4.63	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.63	"	"	"	"	"	"	
1,2-Dichloroethane	ND	4.63	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.63	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.63	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.63	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.63	"	"	"	"	"	"	
1,3-Dichloropropene (cis + trans)	ND	2.78	"	"	"	"	"	"	
Ethylbenzene	ND	4.63	"	"	"	"	"	"	
2-Hexanone	ND	9.25	"	"	"	"	"	"	
Methylene chloride	ND	4.63	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	9.25	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	4.63	"	"	"	"	"	"	
Styrene	ND	4.63	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	4.63	"	"	"	"	"	"	
Tetrachloroethene	ND	4.63	"	"	"	"	"	"	
Toluene	ND	4.63	"	"	"	"	"	"	
1,1,1-Trichloroethane	29.9	4.63	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	4.63	"	"	"	"	"	"	
Trichloroethene	ND	4.63	"	"	"	"	"	"	
Trichlorofluoromethane	ND	4.63	"	"	"	"	"	"	
Vinyl acetate	ND	9.25	"	"	"	"	"	"	
Vinyl chloride	ND	4.63	"	"	"	"	"	"	
Total Xylenes	ND	9.25	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		108 %	55.9-150		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		113 %	47.5-150		"	"	"	"	
Surrogate: Toluene-d8		103 %	55.4-145		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	40.4-137		"	"	"	"	

TestAmerica Analytical - Buffalo Grove

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Reviewed & Approved by: 

Margaret Kniest, Extractionist

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604175  
Reported: 04/20/06 17:52


## Volatile Organic Compounds by EPA Method 8260B

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GP-8 (6-8) (B604175-10) Soil Sampled: 04/12/06 22:23 Received: 04/13/06 12:00									
Acetone	ND	23.9	ug/kg dry	1	6040347	04/18/06	04/20/06	EPA 8260B	
Benzene	ND	4.78	"	"	"	"	"	"	
Bromodichloromethane	ND	4.78	"	"	"	"	"	"	
Bromoform	ND	4.78	"	"	"	"	"	"	
Bromomethane	ND	4.78	"	"	"	"	"	"	
2-Butanone	ND	9.56	"	"	"	"	"	"	
Carbon disulfide	ND	4.78	"	"	"	"	"	"	
Carbon tetrachloride	ND	4.78	"	"	"	"	"	"	
Chlorobenzene	ND	4.78	"	"	"	"	"	"	
Chlorodibromomethane	ND	4.78	"	"	"	"	"	"	
Chloroethane	ND	4.78	"	"	"	"	"	"	
Chloroform	ND	4.78	"	"	"	"	"	"	
Chloromethane	ND	4.78	"	"	"	"	"	"	
1,1-Dichloroethane	12.2	4.78	"	"	"	"	"	"	
1,2-Dichloroethane	ND	4.78	"	"	"	"	"	"	
1,1-Dichloroethene	11.0	4.78	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.78	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.78	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.78	"	"	"	"	"	"	
1,3-Dichloropropene (cis + trans)	ND	2.87	"	"	"	"	"	"	
Ethylbenzene	ND	4.78	"	"	"	"	"	"	
2-Hexanone	ND	9.56	"	"	"	"	"	"	
Methylene chloride	ND	4.78	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	9.56	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	4.78	"	"	"	"	"	"	
Styrene	ND	4.78	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	4.78	"	"	"	"	"	"	
Tetrachloroethene	ND	4.78	"	"	"	"	"	"	
Toluene	ND	4.78	"	"	"	"	"	"	
1,1,1-Trichloroethane	202	4.78	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	4.78	"	"	"	"	"	"	
Trichloroethene	ND	4.78	"	"	"	"	"	"	
Trichlorofluoromethane	ND	4.78	"	"	"	"	"	"	
Vinyl acetate	ND	9.56	"	"	"	"	"	"	
Vinyl chloride	ND	4.78	"	"	"	"	"	"	
Total Xylenes	ND	9.56	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		114 %	55.9-150		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		115 %	47.5-150		"	"	"	"	
Surrogate: Toluene-d8		102 %	55.4-145		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	40.4-137		"	"	"	"	

TestAmerica Analytical - Buffalo Grove

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Reviewed & Approved by: 

Margaret Knies, Extractionist

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604175  
Reported: 04/20/06 17:52


## Volatile Organic Compounds by EPA Method 8260B

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
HS-2 (10-12) (B604175-12) Soil Sampled: 04/12/06 14:43 Received: 04/13/06 12:00									
Acetone	ND	22.4	ug/kg dry	1	6040347	04/18/06	04/20/06	EPA 8260B	
Benzene	ND	4.49	"	"	"	"	"	"	
Bromodichloromethane	ND	4.49	"	"	"	"	"	"	
Bromoform	ND	4.49	"	"	"	"	"	"	
Bromomethane	ND	4.49	"	"	"	"	"	"	
2-Butanone	ND	8.98	"	"	"	"	"	"	
Carbon disulfide	ND	4.49	"	"	"	"	"	"	
Carbon tetrachloride	ND	4.49	"	"	"	"	"	"	
Chlorobenzene	ND	4.49	"	"	"	"	"	"	
Chlorodibromomethane	ND	4.49	"	"	"	"	"	"	
Chloroethane	ND	4.49	"	"	"	"	"	"	
Chloroform	ND	4.49	"	"	"	"	"	"	
Chloromethane	ND	4.49	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.49	"	"	"	"	"	"	
1,2-Dichloroethane	ND	4.49	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.49	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.49	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.49	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.49	"	"	"	"	"	"	
1,3-Dichloropropene (cis + trans)	ND	2.69	"	"	"	"	"	"	
Ethylbenzene	ND	4.49	"	"	"	"	"	"	
2-Hexanone	ND	8.98	"	"	"	"	"	"	
Methylene chloride	ND	4.49	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	8.98	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	4.49	"	"	"	"	"	"	
Styrene	ND	4.49	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	4.49	"	"	"	"	"	"	
Tetrachloroethene	ND	4.49	"	"	"	"	"	"	
Toluene	ND	4.49	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	4.49	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	4.49	"	"	"	"	"	"	
Trichloroethene	ND	4.49	"	"	"	"	"	"	
Trichlorofluoromethane	ND	4.49	"	"	"	"	"	"	
Vinyl acetate	ND	8.98	"	"	"	"	"	"	
Vinyl chloride	ND	4.49	"	"	"	"	"	"	
Total Xylenes	ND	8.98	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		108 %	55.9-150		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		115 %	47.5-150		"	"	"	"	
Surrogate: Toluene-d8		102 %	55.4-145		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.8 %	40.4-137		"	"	"	"	

TestAmerica Analytical - Buffalo Grove

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Reviewed & Approved by: 

Margaret Kniest, Extractionist



Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604175  
Reported: 04/20/06 17:52

## Percent Solids

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
HS-1 (4-6) (B604175-02) Soil Sampled: 04/12/06 09:43 Received: 04/13/06 12:00									
% Solids	85.9	0.200	%	1	6040286	04/14/06	04/14/06	EPA 5035 7.5	
GP-7 (0-2) (B604175-07) Soil Sampled: 04/12/06 20:33 Received: 04/13/06 12:00									
% Solids	85.6	0.200	%	1	6040286	04/14/06	04/14/06	EPA 5035 7.5	
GP-8 (0-2) (B604175-09) Soil Sampled: 04/12/06 22:11 Received: 04/13/06 12:00									
% Solids	88.6	0.200	%	1	6040331	04/17/06	04/18/06	EPA 5035 7.5	
GP-8 (6-8) (B604175-10) Soil Sampled: 04/12/06 22:23 Received: 04/13/06 12:00									
% Solids	85.5	0.200	%	1	6040286	04/14/06	04/14/06	EPA 5035 7.5	
HS-2 (10-12) (B604175-12) Soil Sampled: 04/12/06 14:43 Received: 04/13/06 12:00									
% Solids	89.1	0.200	%	1	6040286	04/14/06	04/14/06	EPA 5035 7.5	

TestAmerica Analytical - Buffalo Grove

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Margaret Kniest, Extractionist

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604175  
Reported: 04/20/06 17:52

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040347 - EPA 5035B [P/T]


#### Blank (6040347-BLK1)

Prepared & Analyzed: 04/18/06

Acetone	ND	25.0	ug/kg wet
Benzene	ND	5.00	"
Bromodichloromethane	ND	5.00	"
Bromoform	ND	5.00	"
Bromomethane	ND	5.00	"
2-Butanone	ND	10.0	"
Carbon disulfide	ND	5.00	"
Carbon tetrachloride	ND	5.00	"
Chlorobenzene	ND	5.00	"
Chlorodibromomethane	ND	5.00	"
Chloroethane	ND	5.00	"
Chloroform	ND	5.00	"
Chloromethane	ND	5.00	"
1,1-Dichloroethane	ND	5.00	"
1,2-Dichloroethane	ND	5.00	"
1,1-Dichloroethene	ND	5.00	"
cis-1,2-Dichloroethene	ND	5.00	"
trans-1,2-Dichloroethene	ND	5.00	"
1,2-Dichloropropane	ND	5.00	"
1,3-Dichloropropene (cis + trans)	ND	3.00	"
Ethylbenzene	ND	5.00	"
2-Hexanone	ND	10.0	"
Methylene chloride	ND	5.00	"
4-Methyl-2-pentanone	ND	10.0	"
Methyl tert-butyl ether	ND	5.00	"
Styrene	ND	5.00	"
1,1,2,2-Tetrachloroethane	ND	5.00	"
Tetrachloroethene	ND	5.00	"
Toluene	ND	5.00	"
1,1,1-Trichloroethane	ND	5.00	"
1,1,2-Trichloroethane	ND	5.00	"
Trichloroethene	ND	5.00	"
Trichlorofluoromethane	ND	5.00	"
Vinyl acetate	ND	10.0	"
Vinyl chloride	ND	5.00	"

TestAmerica Analytical - Buffalo Grove

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Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604175  
Reported: 04/20/06 17:52

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040347 - EPA 5035B [P/T]

##### Blank (6040347-BLK1)

Prepared & Analyzed: 04/18/06

Total Xylenes	ND	10.0	ug/kg wet							
Surrogate: Dibromofluoromethane	49.5		"	50.0		99.0	55.9-150			
Surrogate: 1,2-Dichloroethane-d4	48.5		"	50.0		97.0	47.5-150			
Surrogate: Toluene-d8	50.7		"	50.0		101	55.4-145			
Surrogate: 4-Bromofluorobenzene	47.5		"	50.0		95.0	40.4-137			

##### LCS (6040347-BS1)

Prepared: 04/18/06 Analyzed: 04/19/06

Acetone	129	25.0	ug/kg wet	100		129	10-150			
Benzene	47.3	5.00	"	50.0		94.6	54.8-130			
Bromodichloromethane	50.5	5.00	"	50.0		101	55.7-137			
Bromoform	48.3	5.00	"	50.0		96.6	48.6-150			
Bromomethane	49.1	5.00	"	50.0		98.2	10-150			
2-Butanone	123	10.0	"	100		123	10-150			
Carbon disulfide	96.5	5.00	"	100		96.5	10-150			
Carbon tetrachloride	44.5	5.00	"	50.0		89.0	43.4-141			
Chlorobenzene	46.5	5.00	"	50.0		93.0	56.2-127			
Chlorodibromomethane	49.7	5.00	"	50.0		99.4	54.1-142			
Chloroethane	55.4	5.00	"	50.0		111	10-150			
Chloroform	49.0	5.00	"	50.0		98.0	53.7-135			
Chloromethane	51.5	5.00	"	50.0		103	12.4-150			
1,1-Dichloroethane	48.0	5.00	"	50.0		96.0	47.4-139			
1,2-Dichloroethane	49.1	5.00	"	50.0		98.2	54.6-140			
1,1-Dichloroethene	48.6	5.00	"	50.0		97.2	35.5-135			
cis-1,2-Dichloroethene	48.4	5.00	"	50.0		96.8	52.5-136			
trans-1,2-Dichloroethene	48.3	5.00	"	50.0		96.6	47.8-133			
1,2-Dichloropropane	45.5	5.00	"	50.0		91.0	68.3-124			
1,3-Dichloropropene (cis + trans)	96.2	3.00	"	100		96.2	60.9-140			
Ethylbenzene	45.8	5.00	"	50.0		91.6	50.7-127			
2-Hexanone	132	10.0	"	100		132	10-150			
Methylene chloride	50.2	5.00	"	50.0		100	25.4-150			
4-Methyl-2-pentanone	131	10.0	"	100		131	10-150			
Methyl tert-butyl ether	49.9	5.00	"	50.0		99.8	47.3-150			
Styrene	45.6	5.00	"	50.0		91.2	48.3-127			
1,1,2,2-Tetrachloroethane	55.3	5.00	"	50.0		111	30.4-150			
Tetrachloroethene	45.5	5.00	"	50.0		91.0	46.7-131			
Toluene	46.3	5.00	"	50.0		92.6	53.6-127			

TestAmerica Analytical - Buffalo Grove

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Reviewed &  
Approved by:

*Margaret Kniet*

Margaret Kniet, Extractionist

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604175  
Reported: 04/20/06 17:52

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040347 - EPA 5035B [P/T]

##### LCS (6040347-BS1)

Prepared: 04/18/06 Analyzed: 04/19/06

1,1,1-Trichloroethane	48.1	5.00	ug/kg wet	50.0		96.2	49.3-136			
1,1,2-Trichloroethane	53.5	5.00	"	50.0		107	57.2-146			
Trichloroethene	45.7	5.00	"	50.0		91.4	55-128			
Trichlorofluoromethane	44.8	5.00	"	50.0		89.6	10-150			
Vinyl acetate	84.8	10.0	"	100		84.8	10-150			
Vinyl chloride	47.3	5.00	"	50.0		94.6	28.4-150			
Total Xylenes	134	10.0	"	150		89.3	43.1-136			
Surrogate: Dibromofluoromethane	53.1		"	50.0		106	55.9-150			
Surrogate: 1,2-Dichloroethane-d4	53.4		"	50.0		107	47.5-150			
Surrogate: Toluene-d8	51.4		"	50.0		103	55.4-145			
Surrogate: 4-Bromofluorobenzene	53.5		"	50.0		107	40.4-137			

##### LCS Dup (6040347-BSD1)

Prepared: 04/18/06 Analyzed: 04/19/06

Acetone	127	25.0	ug/kg wet	100		127	10-150	1.56	35	
Benzene	49.2	5.00	"	50.0		98.4	54.8-130	3.94	35	
Bromodichloromethane	52.0	5.00	"	50.0		104	55.7-137	2.93	31.6	
Bromoform	50.4	5.00	"	50.0		101	48.6-150	4.26	35	
Bromomethane	49.1	5.00	"	50.0		98.2	10-150	0.00	35	
2-Butanone	132	10.0	"	100		132	10-150	7.06	35	
Carbon disulfide	98.2	5.00	"	100		98.2	10-150	1.75	35	
Carbon tetrachloride	46.3	5.00	"	50.0		92.6	43.4-141	3.96	35	
Chlorobenzene	48.7	5.00	"	50.0		97.4	56.2-127	4.62	35	
Chlorodibromomethane	51.6	5.00	"	50.0		103	54.1-142	3.75	34	
Chloroethane	56.5	5.00	"	50.0		113	10-150	1.97	35	
Chloroform	50.4	5.00	"	50.0		101	53.7-135	2.82	32.2	
Chloromethane	51.2	5.00	"	50.0		102	12.4-150	0.584	35	
1,1-Dichloroethane	48.8	5.00	"	50.0		97.6	47.4-139	1.65	35	
1,2-Dichloroethane	50.0	5.00	"	50.0		100	54.6-140	1.82	31.5	
1,1-Dichloroethene	48.6	5.00	"	50.0		97.2	35.5-135	0.00	35	
cis-1,2-Dichloroethene	50.4	5.00	"	50.0		101	52.5-136	4.05	32.9	
trans-1,2-Dichloroethene	50.4	5.00	"	50.0		101	47.8-133	4.26	35	
1,2-Dichloropropane	47.5	5.00	"	50.0		95.0	68.3-124	4.30	27.4	
1,3-Dichloropropene (cis + trans)	98.6	3.00	"	100		98.6	60.9-140	2.46	35	
Ethylbenzene	48.2	5.00	"	50.0		96.4	50.7-127	5.11	35	
2-Hexanone	136	10.0	"	100		136	10-150	2.99	35	
Methylene chloride	51.1	5.00	"	50.0		102	25.4-150	1.78	35	

TestAmerica Analytical - Buffalo Grove

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Reviewed &  
Approved by:

*Margaret Knies*

Margaret Knies, Extractionist



Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604175  
Reported: 04/20/06 17:52

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040347 - EPA 5035B (P/T)

#### LCS Dup (6040347-BSD1)

Prepared: 04/18/06 Analyzed: 04/19/06

4-Methyl-2-pentanone	134	10.0	ug/kg wet	100		134	10-150	2.26	35	
Methyl tert-butyl ether	50.7	5.00	"	50.0		101	47.3-150	1.59	35	
Styrene	47.0	5.00	"	50.0		94.0	48.3-127	3.02	35	
1,1,2,2-Tetrachloroethane	56.0	5.00	"	50.0		112	30.4-150	1.26	35	
Tetrachloroethene	49.1	5.00	"	50.0		98.2	46.7-131	7.61	35	
Toluene	48.5	5.00	"	50.0		97.0	53.6-127	4.64	35	
1,1,1-Trichloroethane	49.0	5.00	"	50.0		98.0	49.3-136	1.85	35	
1,1,2-Trichloroethane	54.2	5.00	"	50.0		108	57.2-146	1.30	30.2	
Trichloroethene	48.0	5.00	"	50.0		96.0	55-128	4.91	35	
Trichlorofluoromethane	46.9	5.00	"	50.0		93.8	10-150	4.58	35	
Vinyl acetate	68.7	10.0	"	100		68.7	10-150	21.0	35	
Vinyl chloride	47.8	5.00	"	50.0		95.6	28.4-150	1.05	35	
Total Xylenes	143	10.0	"	150		95.3	43.1-136	6.50	35	
Surrogate: Dibromofluoromethane	52.5		"	50.0		105	55.9-150			
Surrogate: 1,2-Dichloroethane-d4	52.0		"	50.0		104	47.5-150			
Surrogate: Toluene-d8	51.3		"	50.0		103	55.4-145			
Surrogate: 4-Bromofluorobenzene	53.4		"	50.0		107	40.4-137			

TestAmerica Analytical - Buffalo Grove

Reviewed &  
Approved by:

*Margaret Kniest*

Margaret Kniest, Extractionist

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Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604175  
Reported: 04/20/06 17:52

## Percent Solids - Quality Control TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 6040286 - General Prep</b>										
<b>Blank (6040286-BLK1)</b>					Prepared & Analyzed: 04/14/06					
% Solids	ND	0.200	%							
<b>Duplicate (6040286-DUP1)</b>					Source: B604166-01 Prepared & Analyzed: 04/14/06					
% Solids	80.4	0.200	%		79.7			0.874	20	
<b>Batch 6040331 - General Prep</b>										
<b>Blank (6040331-BLK1)</b>					Prepared: 04/17/06 Analyzed: 04/18/06					
% Solids	ND	0.200	%							
<b>Blank (6040331-BLK2)</b>					Prepared: 04/17/06 Analyzed: 04/18/06					
% Solids	ND	0.200	%							
<b>Duplicate (6040331-DUP1)</b>					Source: B604175-09 Prepared: 04/17/06 Analyzed: 04/18/06					
% Solids	86.8	0.200	%		88.6			2.05	20	
<b>Duplicate (6040331-DUP2)</b>					Source: B604205-01 Prepared: 04/17/06 Analyzed: 04/18/06					
% Solids	83.0	0.200	%		83.1			0.120	20	

TestAmerica Analytical - Buffalo Grove

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*Margaret Knies*

Margaret Knies, Extractionist

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Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604175  
Reported: 04/20/06 17:52

## Notes and Definitions

DET Analyte DETECTED  
ND Analyte NOT DETECTED at or above the reporting limit  
NR Not Reported  
dry Sample results reported on a dry weight basis  
RPD Relative Percent Difference  
L This quality control measurement is below the laboratory established limit.  
H This quality control measurement is above the laboratory established limit.  
^ The laboratory is not NELAP accredited for this analyte by the indicated matrix and method.  
^^ The State of Illinois Accrediting Authority does not offer NELAP accreditation for this analyte by the indicated matrix and method.

Note: All analytes, by matrix and method, are accredited following current NELAP standards unless specifically noted by way of a qualifier listed above.

TestAmerica--Buffalo Grove, IL Wisconsin DNR Certification Lab ID: 999917160  
TestAmerica--Buffalo Grove, IL NELAP Primary Accreditation: Illinois #100261  
TestAmerica--Buffalo Grove, IL NELAP Secondary Accreditation: New Jersey #IL001  
TestAmerica--Nashville, TN NELAP Secondary Accreditation: Illinois #200010  
TestAmerica--Dayton, OH NELAP Secondary Accreditation: Illinois #200008  
TestAmerica--Watertown, WI NELAP Primary Accreditation: Illinois #100453  
TestAmerica--Watertown, WI Wisconsin DNR Certification Lab ID: 128053530



TestAmerica Analytical - Buffalo Grove

Reviewed & Approved by: Margaret Kniest

Margaret Kniest, Extractionist

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

# MOSTARDI PLATT ENVIRONMENTAL - CHAIN OF CUSTODY

1520 Kensington Road, Suite 204, Oak Brook, Illinois 60523-2139  
Phone: 630-993-2100 Fax: 630-993-9017

Date 4/12/06 Page 1 of 1

## PROJECT INFORMATION

Project Number: M061401 Project Manager: Kim Jansen

Project Name: Sachinew + Weaver Phase II

Purchase Order Number:

Delivered Via:

TAT: ☐ 24 hr. ☐ 48 hr. ☒ 72 wk. ☐ 2 wk. Reporting ☒ Dry Weight ☐ Wet Weight

## COMMENTS

Please see chain of custody seals

\* Run metal analyses using methods with lowest reporting limit needed to meet TACO background concentrations and remediation objectives.

Subcontracted Laboratory Sample ID	MPA Sample Point ID	Sample Collection Date	Sample Collection Time	Sample Matrix	Number of Containers and Size	BTEX by 5035/8021	BTEX by 5035/8260B	PNA's by 8310	VOCs by 5035/8260B	SVOCs by 8270C	PCBs by 8082	Pesticides by 8081A	Total RCRA Metals * 6010B/7000A	Total Priority Pollutant* Metals 6010B/7000A	Organic Carbon Content by ASTM 2974-87
B604175-01	Tripp Blank			Water	140mL				X						
02	HS-1 (4-10)	4/12/06	9:43	Soil	3g/soil										
03	HS-1 (6-8)		9:53												
04	HS-1 (8-10)		9:54												
05	HS-3 (16-18)		16:44												
06	HS-3 (26-28)		17:27												
07	GP-7 (0-2)		20:33												
08	GP-7 (4-6)		20:43												
09	GP-8 (0-2)		22:11												
10	GP-8 (6-8)		22:23												
11	GP-8 (14.5-16)		22:58												

## REQUESTED SAMPLE ANALYSIS

## PRESERVATIVE

## Relinquished by

Collector:

Received by: 1.

Relinquished by: 1.

Received by: 2.

Relinquished by: 2.

Received by: (lab)

Signature: <u>[Signature]</u> Time: <u>10:30</u>	Signature: <u>[Signature]</u> Time: <u>10:30</u>	Signature: <u>[Signature]</u> Time: <u>10:56</u>	Signature: <u>[Signature]</u> Time: <u>10:56</u>	Signature: <u>[Signature]</u> Time: <u>12:00</u>	Signature: <u>[Signature]</u> Time: <u>12:00</u>
Printed Name: <u>Kim Jansen</u> Date: <u>4/13/06</u>	Printed Name: <u>Kim Jansen</u> Date: <u>4/13/06</u>	Printed Name: <u>Kim Jansen</u> Date: <u>4/13/06</u>	Printed Name: <u>Kim Jansen</u> Date: <u>4/13/06</u>	Printed Name: <u>Kim Jansen</u> Date: <u>4/13/06</u>	Printed Name: <u>Kim Jansen</u> Date: <u>4/13/06</u>
Company: <u>Mostardi Platt Env</u>	Company: <u>WPE</u>	Company: <u>WPE</u>	Company: <u>WPE</u>	Company: <u>WPE</u>	Company: <u>WPE</u>
Sample Temp: <u>4°C</u>	Condition of Sample Containers: <u>All containers sealed</u>				

Plu Temp - 6°C







"Margaret Kniest"  
<mkniest@testamericainc.com>  
m>

04/20/2006 05:54 PM

To <KJanson@mostardiplattenv.com>  
cc  
bcc  
Subject Sachnoff

Kim,  
Here is everything except the trip blank, which will be completed by  
tomorrow.

Thank you,

Margaret Kniest  
TestAmerica  
1380 Busch Pkway  
Buffalo Grove, IL 60089  
847-808-7766 ext 30  
mkniest@testamericainc.com



B604175 042006 1752 final.pdf B604175 COC.pdf B604175 FINAL EXCEL 20 Apr 06 1752.xls



B604175 FINAL SMART REPORT 20 Apr 06 1752.xls

24 April 2006

Lab ID: B604175

Kim Janson  
Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

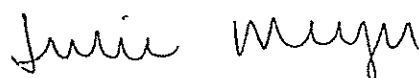
RE: Sachnoff & Weaver Phase II

Enclosed are the results of analyses for samples received by the laboratory on 04/13/06. The sample results relate only to the tested analytes of interest and to the sample as received by the laboratory. At the time of analysis, the laboratory was in compliance with current NELAP standards and held accreditation for all analyses performed unless noted by a qualifier. The laboratory's Illinois NELAP accreditation number is 100261.

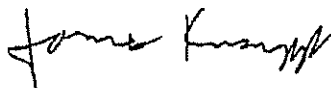
This report can not be reproduced, except in full, without written approval from the laboratory. If you have any questions concerning this report, please feel free to contact Jim Knapp or Margaret Kniest.

Sincerely,

**TestAmerica Analytical Testing Corporation**



Julie Meyer  
Laboratory Director



James Knapp  
Quality Assurance Manager

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604175  
Reported: 04/24/06 10:46

## ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Trip Blank	B604175-01	Water	04/12/06 00:00	04/13/06 12:00
HS-1 (4-6)	B604175-02	Soil	04/12/06 09:43	04/13/06 12:00
HS-1 (6-8)	B604175-03	Soil	04/12/06 09:53	04/13/06 12:00
HS-1 (8-10)	B604175-04	Soil	04/12/06 09:59	04/13/06 12:00
HS-3 (16-18)	B604175-05	Soil	04/12/06 16:44	04/13/06 12:00
HS-3 (26-28)	B604175-06	Soil	04/12/06 17:27	04/13/06 12:00
GP-7 (0-2)	B604175-07	Soil	04/12/06 20:33	04/13/06 12:00
GP-7 (4-6)	B604175-08	Soil	04/12/06 20:43	04/13/06 12:00
GP-8 (0-2)	B604175-09	Soil	04/12/06 22:11	04/13/06 12:00
GP-8 (6-8)	B604175-10	Soil	04/12/06 22:23	04/13/06 12:00
GP-8 (14.5-16)	B604175-11	Soil	04/12/06 22:58	04/13/06 12:00
HS-2 (10-12)	B604175-12	Soil	04/12/06 14:43	04/13/06 12:00
GP-7 (2-4)	B604175-13	Soil	04/12/06 00:00	04/13/06 12:00

### Sample Receipt Notes


Please note that the chain of custody (COC) included with this report is considered part of the report. The data user should review any comments or notes made on the COC. Any receipt issues found by the laboratory that are not noted on the COC will be stated below.

All sample container custody seals are intact.

TestAmerica Analytical - Buffalo Grove

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Reviewed &  
Approved by:



Andy Johnson, Project Manager



Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604175  
Reported: 04/24/06 10:46

## Volatile Organic Compounds by EPA Method 8260B

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Trip Blank (B604175-01) Water Sampled: 04/12/06 00:00 Received: 04/13/06 12:00									QC
Acetone	ND	10.0	ug/l	1	6040385	04/19/06	04/20/06	EPA 8260B	
Benzene	ND	2.00	"	"	"	"	"	"	
Bromodichloromethane	ND	2.00	"	"	"	"	"	"	
Bromoform	ND	1.00	"	"	"	"	"	"	
Bromomethane	ND	2.00	"	"	"	"	"	"	
2-Butanone	ND	10.0	"	"	"	"	"	"	
Carbon disulfide	ND	2.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.00	"	"	"	"	"	"	
Chlorobenzene	ND	2.00	"	"	"	"	"	"	
Chlorodibromomethane	ND	2.00	"	"	"	"	"	"	
Chloroethane	ND	2.00	"	"	"	"	"	"	
Chloroform	ND	2.00	"	"	"	"	"	"	
Chloromethane	ND	2.00	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.00	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.00	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.00	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.00	"	"	"	"	"	"	
1,3-Dichloropropene (cis + trans)	ND	2.00	"	"	"	"	"	"	
Ethylbenzene	ND	2.00	"	"	"	"	"	"	
2-Hexanone	ND	10.0	"	"	"	"	"	"	
Methylene chloride	ND	2.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	10.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.00	"	"	"	"	"	"	
Styrene	ND	2.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.00	"	"	"	"	"	"	
Tetrachloroethene	ND	2.00	"	"	"	"	"	"	
Toluene	ND	2.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.00	"	"	"	"	"	"	
Trichloroethene	ND	2.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.00	"	"	"	"	"	"	
Vinyl acetate	ND	2.00	"	"	"	"	"	"	
Vinyl chloride	ND	2.00	"	"	"	"	"	"	
Total Xylenes	ND	4.00	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		95.8 %		69.8-133	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		97.6 %		61.2-141	"	"	"	"	
Surrogate: Toluene-d8		101 %		75.8-118	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.4 %		68.9-123	"	"	"	"	

TestAmerica Analytical - Buffalo Grove

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Reviewed &  
Approved by:

*Andy Johnson*

Andy Johnson, Project Manager

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604175  
Reported: 04/24/06 10:46

## Volatile Organic Compounds by EPA Method 8260B

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
HS-1 (4-6) (B604175-02) Soil Sampled: 04/12/06 09:43 Received: 04/13/06 12:00									
Acetone	ND	23.0	ug/kg dry	1	6040347	04/18/06	04/20/06	EPA 8260B	
Benzene	ND	4.59	"	"	"	"	"	"	
Bromodichloromethane	ND	4.59	"	"	"	"	"	"	
Bromoform	ND	4.59	"	"	"	"	"	"	
Bromomethane	ND	4.59	"	"	"	"	"	"	
2-Butanone	ND	9.18	"	"	"	"	"	"	
Carbon disulfide	ND	4.59	"	"	"	"	"	"	
Carbon tetrachloride	ND	4.59	"	"	"	"	"	"	
Chlorobenzene	ND	4.59	"	"	"	"	"	"	
Chlorodibromomethane	ND	4.59	"	"	"	"	"	"	
Chloroethane	ND	4.59	"	"	"	"	"	"	
Chloroform	ND	4.59	"	"	"	"	"	"	
Chloromethane	ND	4.59	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.59	"	"	"	"	"	"	
1,2-Dichloroethane	ND	4.59	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.59	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.59	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.59	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.59	"	"	"	"	"	"	
1,3-Dichloropropene (cis + trans)	ND	2.75	"	"	"	"	"	"	
Ethylbenzene	ND	4.59	"	"	"	"	"	"	
2-Hexanone	ND	9.18	"	"	"	"	"	"	
Methylene chloride	ND	4.59	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	9.18	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	4.59	"	"	"	"	"	"	
Styrene	ND	4.59	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	4.59	"	"	"	"	"	"	
Tetrachloroethene	ND	4.59	"	"	"	"	"	"	
Toluene	ND	4.59	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	4.59	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	4.59	"	"	"	"	"	"	
Trichloroethene	ND	4.59	"	"	"	"	"	"	
Trichlorofluoromethane	ND	4.59	"	"	"	"	"	"	
Vinyl acetate	ND	9.18	"	"	"	"	"	"	
Vinyl chloride	ND	4.59	"	"	"	"	"	"	
Total Xylenes	ND	9.18	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		106 %	55.9-150		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		113 %	47.5-150		"	"	"	"	
Surrogate: Toluene-d8		101 %	55.4-145		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92.2 %	40.4-137		"	"	"	"	

TestAmerica Analytical - Buffalo Grove

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Reviewed &  
Approved by:

*Andy Johnson*

Andy Johnson, Project Manager

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604175  
Reported: 04/24/06 10:46

## Volatile Organic Compounds by EPA Method 8260B

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GP-7 (0-2) (B604175-07) Soil Sampled: 04/12/06 20:33 Received: 04/13/06 12:00									
Acetone	ND	23.4	ug/kg dry	1	6040347	04/18/06	04/20/06	EPA 8260B	
Benzene	ND	4.69	"	"	"	"	"	"	
Bromodichloromethane	ND	4.69	"	"	"	"	"	"	
Bromoform	ND	4.69	"	"	"	"	"	"	
Bromomethane	ND	4.69	"	"	"	"	"	"	
2-Butanone	ND	9.38	"	"	"	"	"	"	
Carbon disulfide	ND	4.69	"	"	"	"	"	"	
Carbon tetrachloride	ND	4.69	"	"	"	"	"	"	
Chlorobenzene	ND	4.69	"	"	"	"	"	"	
Chlorodibromomethane	ND	4.69	"	"	"	"	"	"	
Chloroethane	ND	4.69	"	"	"	"	"	"	
Chloroform	ND	4.69	"	"	"	"	"	"	
Chloromethane	ND	4.69	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.69	"	"	"	"	"	"	
1,2-Dichloroethane	ND	4.69	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.69	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.69	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.69	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.69	"	"	"	"	"	"	
1,3-Dichloropropene (cis + trans)	ND	2.81	"	"	"	"	"	"	
Ethylbenzene	ND	4.69	"	"	"	"	"	"	
2-Hexanone	ND	9.38	"	"	"	"	"	"	
Methylene chloride	ND	4.69	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	9.38	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	4.69	"	"	"	"	"	"	
Styrene	ND	4.69	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	4.69	"	"	"	"	"	"	
Tetrachloroethene	ND	4.69	"	"	"	"	"	"	
Toluene	ND	4.69	"	"	"	"	"	"	
1,1,1-Trichloroethane	8.84	4.69	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	4.69	"	"	"	"	"	"	
Trichloroethene	ND	4.69	"	"	"	"	"	"	
Trichlorofluoromethane	ND	4.69	"	"	"	"	"	"	
Vinyl acetate	ND	9.38	"	"	"	"	"	"	
Vinyl chloride	ND	4.69	"	"	"	"	"	"	
Total Xylenes	ND	9.38	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		105 %	55.9-150		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		114 %	47.5-150		"	"	"	"	
Surrogate: Toluene-d8		103 %	55.4-145		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	40.4-137		"	"	"	"	

TestAmerica Analytical - Buffalo Grove

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Reviewed &  
Approved by:

*Andy Johnson*

Andy Johnson, Project Manager

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604175  
Reported: 04/24/06 10:46

## Volatile Organic Compounds by EPA Method 8260B

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GP-8 (0-2) (B604175-09) Soil Sampled: 04/12/06 22:11 Received: 04/13/06 12:00									
Acetone	ND	23.1	ug/kg dry	1	6040347	04/18/06	04/20/06	EPA 8260B	
Benzene	ND	4.63	"	"	"	"	"	"	
Bromodichloromethane	ND	4.63	"	"	"	"	"	"	
Bromoform	ND	4.63	"	"	"	"	"	"	
Bromomethane	ND	4.63	"	"	"	"	"	"	
2-Butanone	ND	9.25	"	"	"	"	"	"	
Carbon disulfide	ND	4.63	"	"	"	"	"	"	
Carbon tetrachloride	ND	4.63	"	"	"	"	"	"	
Chlorobenzene	ND	4.63	"	"	"	"	"	"	
Chlorodibromomethane	ND	4.63	"	"	"	"	"	"	
Chloroethane	ND	4.63	"	"	"	"	"	"	
Chloroform	ND	4.63	"	"	"	"	"	"	
Chloromethane	ND	4.63	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.63	"	"	"	"	"	"	
1,2-Dichloroethane	ND	4.63	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.63	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.63	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.63	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.63	"	"	"	"	"	"	
1,3-Dichloropropene (cis + trans)	ND	2.78	"	"	"	"	"	"	
Ethylbenzene	ND	4.63	"	"	"	"	"	"	
2-Hexanone	ND	9.25	"	"	"	"	"	"	
Methylene chloride	ND	4.63	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	9.25	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	4.63	"	"	"	"	"	"	
Styrene	ND	4.63	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	4.63	"	"	"	"	"	"	
Tetrachloroethene	ND	4.63	"	"	"	"	"	"	
Toluene	ND	4.63	"	"	"	"	"	"	
1,1,1-Trichloroethane	29.9	4.63	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	4.63	"	"	"	"	"	"	
Trichloroethene	ND	4.63	"	"	"	"	"	"	
Trichlorofluoromethane	ND	4.63	"	"	"	"	"	"	
Vinyl acetate	ND	9.25	"	"	"	"	"	"	
Vinyl chloride	ND	4.63	"	"	"	"	"	"	
Total Xylenes	ND	9.25	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		108 %	55.9-150		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		113 %	47.5-150		"	"	"	"	
Surrogate: Toluene-d8		103 %	55.4-145		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	40.4-137		"	"	"	"	

TestAmerica Analytical - Buffalo Grove

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Reviewed &  
Approved by:

*Andy Johnson*

Andy Johnson, Project Manager



Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604175  
Reported: 04/24/06 10:46

## Volatile Organic Compounds by EPA Method 8260B

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GP-8 (6-8) (B604175-10) Soil Sampled: 04/12/06 22:23 Received: 04/13/06 12:00									
Acetone	ND	23.9	ug/kg dry	1	6040347	04/18/06	04/20/06	EPA 8260B	
Benzene	ND	4.78	"	"	"	"	"	"	
Bromodichloromethane	ND	4.78	"	"	"	"	"	"	
Bromoform	ND	4.78	"	"	"	"	"	"	
Bromomethane	ND	4.78	"	"	"	"	"	"	
2-Butanone	ND	9.56	"	"	"	"	"	"	
Carbon disulfide	ND	4.78	"	"	"	"	"	"	
Carbon tetrachloride	ND	4.78	"	"	"	"	"	"	
Chlorobenzene	ND	4.78	"	"	"	"	"	"	
Chlorodibromomethane	ND	4.78	"	"	"	"	"	"	
Chloroethane	ND	4.78	"	"	"	"	"	"	
Chloroform	ND	4.78	"	"	"	"	"	"	
Chloromethane	ND	4.78	"	"	"	"	"	"	
1,1-Dichloroethane	12.2	4.78	"	"	"	"	"	"	
1,2-Dichloroethane	ND	4.78	"	"	"	"	"	"	
1,1-Dichloroethene	11.0	4.78	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.78	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.78	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.78	"	"	"	"	"	"	
1,3-Dichloropropene (cis + trans)	ND	2.87	"	"	"	"	"	"	
Ethylbenzene	ND	4.78	"	"	"	"	"	"	
2-Hexanone	ND	9.56	"	"	"	"	"	"	
Methylene chloride	ND	4.78	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	9.56	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	4.78	"	"	"	"	"	"	
Styrene	ND	4.78	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	4.78	"	"	"	"	"	"	
Tetrachloroethene	ND	4.78	"	"	"	"	"	"	
Toluene	ND	4.78	"	"	"	"	"	"	
1,1,1-Trichloroethane	202	4.78	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	4.78	"	"	"	"	"	"	
Trichloroethene	ND	4.78	"	"	"	"	"	"	
Trichlorofluoromethane	ND	4.78	"	"	"	"	"	"	
Vinyl acetate	ND	9.56	"	"	"	"	"	"	
Vinyl chloride	ND	4.78	"	"	"	"	"	"	
Total Xylenes	ND	9.56	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		114 %	55.9-150		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		115 %	47.5-150		"	"	"	"	
Surrogate: Toluene-d8		102 %	55.4-145		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	40.4-137		"	"	"	"	

TestAmerica Analytical - Buffalo Grove

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Reviewed &  
Approved by:

*Andy Johnson*

Andy Johnson, Project Manager

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604175  
Reported: 04/24/06 10:46

## Volatile Organic Compounds by EPA Method 8260B

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
HS-2 (10-12) (B604175-12) Soil Sampled: 04/12/06 14:43 Received: 04/13/06 12:00									
Acetone	ND	22.4	ug/kg dry	1	6040347	04/18/06	04/20/06	EPA 8260B	
Benzene	ND	4.49	"	"	"	"	"	"	
Bromodichloromethane	ND	4.49	"	"	"	"	"	"	
Bromoform	ND	4.49	"	"	"	"	"	"	
Bromomethane	ND	4.49	"	"	"	"	"	"	
2-Butanone	ND	8.98	"	"	"	"	"	"	
Carbon disulfide	ND	4.49	"	"	"	"	"	"	
Carbon tetrachloride	ND	4.49	"	"	"	"	"	"	
Chlorobenzene	ND	4.49	"	"	"	"	"	"	
Chlorodibromomethane	ND	4.49	"	"	"	"	"	"	
Chloroethane	ND	4.49	"	"	"	"	"	"	
Chloroform	ND	4.49	"	"	"	"	"	"	
Chloromethane	ND	4.49	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.49	"	"	"	"	"	"	
1,2-Dichloroethane	ND	4.49	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.49	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.49	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.49	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.49	"	"	"	"	"	"	
1,3-Dichloropropene (cis + trans)	ND	2.69	"	"	"	"	"	"	
Ethylbenzene	ND	4.49	"	"	"	"	"	"	
2-Hexanone	ND	8.98	"	"	"	"	"	"	
Methylene chloride	ND	4.49	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	8.98	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	4.49	"	"	"	"	"	"	
Styrene	ND	4.49	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	4.49	"	"	"	"	"	"	
Tetrachloroethene	ND	4.49	"	"	"	"	"	"	
Toluene	ND	4.49	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	4.49	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	4.49	"	"	"	"	"	"	
Trichloroethene	ND	4.49	"	"	"	"	"	"	
Trichlorofluoromethane	ND	4.49	"	"	"	"	"	"	
Vinyl acetate	ND	8.98	"	"	"	"	"	"	
Vinyl chloride	ND	4.49	"	"	"	"	"	"	
Total Xylenes	ND	8.98	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		108 %	55.9-150		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		115 %	47.5-150		"	"	"	"	
Surrogate: Toluene-d8		102 %	55.4-145		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.8 %	40.4-137		"	"	"	"	

TestAmerica Analytical - Buffalo Grove

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Reviewed &  
Approved by:

*Andy Johnson*

Andy Johnson, Project Manager

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604175  
Reported: 04/24/06 10:46

## Percent Solids

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
HS-1 (4-6) (B604175-02) Soil Sampled: 04/12/06 09:43 Received: 04/13/06 12:00									
% Solids	85.9	0.200	%	1	6040286	04/14/06	04/14/06	EPA 5035 7.5	
GP-7 (0-2) (B604175-07) Soil Sampled: 04/12/06 20:33 Received: 04/13/06 12:00									
% Solids	85.6	0.200	%	1	6040286	04/14/06	04/14/06	EPA 5035 7.5	
GP-8 (0-2) (B604175-09) Soil Sampled: 04/12/06 22:11 Received: 04/13/06 12:00									
% Solids	88.6	0.200	%	1	6040331	04/17/06	04/18/06	EPA 5035 7.5	
GP-8 (6-8) (B604175-10) Soil Sampled: 04/12/06 22:23 Received: 04/13/06 12:00									
% Solids	85.5	0.200	%	1	6040286	04/14/06	04/14/06	EPA 5035 7.5	
HS-2 (10-12) (B604175-12) Soil Sampled: 04/12/06 14:43 Received: 04/13/06 12:00									
% Solids	89.1	0.200	%	1	6040286	04/14/06	04/14/06	EPA 5035 7.5	

TestAmerica Analytical - Buffalo Grove

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*Andy Johnson*

Andy Johnson, Project Manager

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604175  
Reported: 04/24/06 10:46

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040347 - EPA 5035B [P/T]

#### Blank (6040347-BLK1)

Prepared & Analyzed: 04/18/06

Acetone	ND	25.0	ug/kg wet
Benzene	ND	5.00	"
Bromodichloromethane	ND	5.00	"
Bromoform	ND	5.00	"
Bromomethane	ND	5.00	"
2-Butanone	ND	10.0	"
Carbon disulfide	ND	5.00	"
Carbon tetrachloride	ND	5.00	"
Chlorobenzene	ND	5.00	"
Chlorodibromomethane	ND	5.00	"
Chloroethane	ND	5.00	"
Chloroform	ND	5.00	"
Chloromethane	ND	5.00	"
1,1-Dichloroethane	ND	5.00	"
1,2-Dichloroethane	ND	5.00	"
1,1-Dichloroethene	ND	5.00	"
cis-1,2-Dichloroethene	ND	5.00	"
trans-1,2-Dichloroethene	ND	5.00	"
1,2-Dichloropropane	ND	5.00	"
1,3-Dichloropropene (cis + trans)	ND	3.00	"
Ethylbenzene	ND	5.00	"
2-Hexanone	ND	10.0	"
Methylene chloride	ND	5.00	"
4-Methyl-2-pentanone	ND	10.0	"
Methyl tert-butyl ether	ND	5.00	"
Styrene	ND	5.00	"
1,1,2,2-Tetrachloroethane	ND	5.00	"
Tetrachloroethene	ND	5.00	"
Toluene	ND	5.00	"
1,1,1-Trichloroethane	ND	5.00	"
1,1,2-Trichloroethane	ND	5.00	"
Trichloroethene	ND	5.00	"
Trichlorofluoromethane	ND	5.00	"
Vinyl acetate	ND	10.0	"
Vinyl chloride	ND	5.00	"

TestAmerica Analytical - Buffalo Grove

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Andy Johnson, Project Manager



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1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604175  
Reported: 04/24/06 10:46

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040347 - EPA 5035B [P/T]

##### Blank (6040347-BLK1)

Prepared & Analyzed: 04/18/06

Total Xylenes	ND	10.0	ug/kg wet							
Surrogate: Dibromofluoromethane	49.5		"	50.0		99.0	55.9-150			
Surrogate: 1,2-Dichloroethane-d4	48.5		"	50.0		97.0	47.5-150			
Surrogate: Toluene-d8	50.7		"	50.0		101	55.4-145			
Surrogate: 4-Bromofluorobenzene	47.5		"	50.0		95.0	40.4-137			


##### LCS (6040347-BS1)

Prepared: 04/18/06 Analyzed: 04/19/06

Acetone	129	25.0	ug/kg wet	100		129	10-150			
Benzene	47.3	5.00	"	50.0		94.6	54.8-130			
Bromodichloromethane	50.5	5.00	"	50.0		101	55.7-137			
Bromoform	48.3	5.00	"	50.0		96.6	48.6-150			
Bromomethane	49.1	5.00	"	50.0		98.2	10-150			
2-Butanone	123	10.0	"	100		123	10-150			
Carbon disulfide	96.5	5.00	"	100		96.5	10-150			
Carbon tetrachloride	44.5	5.00	"	50.0		89.0	43.4-141			
Chlorobenzene	46.5	5.00	"	50.0		93.0	56.2-127			
Chlorodibromomethane	49.7	5.00	"	50.0		99.4	54.1-142			
Chloroethane	55.4	5.00	"	50.0		111	10-150			
Chloroform	49.0	5.00	"	50.0		98.0	53.7-135			
Chloromethane	51.5	5.00	"	50.0		103	12.4-150			
1,1-Dichloroethane	48.0	5.00	"	50.0		96.0	47.4-139			
1,2-Dichloroethane	49.1	5.00	"	50.0		98.2	54.6-140			
1,1-Dichloroethene	48.6	5.00	"	50.0		97.2	35.5-135			
cis-1,2-Dichloroethene	48.4	5.00	"	50.0		96.8	52.5-136			
trans-1,2-Dichloroethene	48.3	5.00	"	50.0		96.6	47.8-133			
1,2-Dichloropropane	45.5	5.00	"	50.0		91.0	68.3-124			
1,3-Dichloropropene (cis + trans)	96.2	3.00	"	100		96.2	60.9-140			
Ethylbenzene	45.8	5.00	"	50.0		91.6	50.7-127			
2-Hexanone	132	10.0	"	100		132	10-150			
Methylene chloride	50.2	5.00	"	50.0		100	25.4-150			
4-Methyl-2-pentanone	131	10.0	"	100		131	10-150			
Methyl tert-butyl ether	49.9	5.00	"	50.0		99.8	47.3-150			
Styrene	45.6	5.00	"	50.0		91.2	48.3-127			
1,1,2,2-Tetrachloroethane	55.3	5.00	"	50.0		111	30.4-150			
Tetrachloroethene	45.5	5.00	"	50.0		91.0	46.7-131			
Toluene	46.3	5.00	"	50.0		92.6	53.6-127			

TestAmerica Analytical - Buffalo Grove

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Reviewed & Approved by: 

Andy Johnson, Project Manager

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604175  
Reported: 04/24/06 10:46

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040347 - EPA 5035B [P/T]

LCS (6040347-BS1)										
					Prepared: 04/18/06 Analyzed: 04/19/06					
1,1,1-Trichloroethane	48.1	5.00	ug/kg wet	50.0		96.2	49.3-136			
1,1,2-Trichloroethane	53.5	5.00	"	50.0		107	57.2-146			
Trichloroethene	45.7	5.00	"	50.0		91.4	55-128			
Trichlorofluoromethane	44.8	5.00	"	50.0		89.6	10-150			
Vinyl acetate	84.8	10.0	"	100		84.8	10-150			
Vinyl chloride	47.3	5.00	"	50.0		94.6	28.4-150			
Total Xylenes	134	10.0	"	150		89.3	43.1-136			
Surrogate: Dibromofluoromethane	53.1		"	50.0		106	55.9-150			
Surrogate: 1,2-Dichloroethane-d4	53.4		"	50.0		107	47.5-150			
Surrogate: Toluene-d8	51.4		"	50.0		103	55.4-145			
Surrogate: 4-Bromofluorobenzene	53.5		"	50.0		107	40.4-137			

LCS Dup (6040347-BSD1)										
					Prepared: 04/18/06 Analyzed: 04/19/06					
Acetone	127	25.0	ug/kg wet	100		127	10-150	1.56	35	
Benzene	49.2	5.00	"	50.0		98.4	54.8-130	3.94	35	
Bromodichloromethane	52.0	5.00	"	50.0		104	55.7-137	2.93	31.6	
Bromoform	50.4	5.00	"	50.0		101	48.6-150	4.26	35	
Bromomethane	49.1	5.00	"	50.0		98.2	10-150	0.00	35	
2-Butanone	132	10.0	"	100		132	10-150	7.06	35	
Carbon disulfide	98.2	5.00	"	100		98.2	10-150	1.75	35	
Carbon tetrachloride	46.3	5.00	"	50.0		92.6	43.4-141	3.96	35	
Chlorobenzene	48.7	5.00	"	50.0		97.4	56.2-127	4.62	35	
Chlorodibromomethane	51.6	5.00	"	50.0		103	54.1-142	3.75	34	
Chloroethane	56.5	5.00	"	50.0		113	10-150	1.97	35	
Chloroform	50.4	5.00	"	50.0		101	53.7-135	2.82	32.2	
Chloromethane	51.2	5.00	"	50.0		102	12.4-150	0.584	35	
1,1-Dichloroethane	48.8	5.00	"	50.0		97.6	47.4-139	1.65	35	
1,2-Dichloroethane	50.0	5.00	"	50.0		100	54.6-140	1.82	31.5	
1,1-Dichloroethene	48.6	5.00	"	50.0		97.2	35.5-135	0.00	35	
cis-1,2-Dichloroethene	50.4	5.00	"	50.0		101	52.5-136	4.05	32.9	
trans-1,2-Dichloroethene	50.4	5.00	"	50.0		101	47.8-133	4.26	35	
1,2-Dichloropropane	47.5	5.00	"	50.0		95.0	68.3-124	4.30	27.4	
1,3-Dichloropropene (cis + trans)	98.6	3.00	"	100		98.6	60.9-140	2.46	35	
Ethylbenzene	48.2	5.00	"	50.0		96.4	50.7-127	5.11	35	
2-Hexanone	136	10.0	"	100		136	10-150	2.99	35	
Methylene chloride	51.1	5.00	"	50.0		102	25.4-150	1.78	35	

TestAmerica Analytical - Buffalo Grove

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Approved by:

*Andy Johnson*

Andy Johnson, Project Manager

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604175  
Reported: 04/24/06 10:46

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040347 - EPA 5035B [P/T]

##### LCS Dup (6040347-BSD1)

Prepared: 04/18/06 Analyzed: 04/19/06

4-Methyl-2-pentanone	134	10.0	ug/kg wet	100		134	10-150	2.26	35	
Methyl tert-butyl ether	50.7	5.00	"	50.0		101	47.3-150	1.59	35	
Styrene	47.0	5.00	"	50.0		94.0	48.3-127	3.02	35	
1,1,2,2-Tetrachloroethane	56.0	5.00	"	50.0		112	30.4-150	1.26	35	
Tetrachloroethene	49.1	5.00	"	50.0		98.2	46.7-131	7.61	35	
Toluene	48.5	5.00	"	50.0		97.0	53.6-127	4.64	35	
1,1,1-Trichloroethane	49.0	5.00	"	50.0		98.0	49.3-136	1.85	35	
1,1,2-Trichloroethane	54.2	5.00	"	50.0		108	57.2-146	1.30	30.2	
Trichloroethene	48.0	5.00	"	50.0		96.0	55-128	4.91	35	
Trichlorofluoromethane	46.9	5.00	"	50.0		93.8	10-150	4.58	35	
Vinyl acetate	68.7	10.0	"	100		68.7	10-150	21.0	35	
Vinyl chloride	47.8	5.00	"	50.0		95.6	28.4-150	1.05	35	
Total Xylenes	143	10.0	"	150		95.3	43.1-136	6.50	35	
Surrogate: Dibromofluoromethane	52.5		"	50.0		105	55.9-150			
Surrogate: 1,2-Dichloroethane-d4	52.0		"	50.0		104	47.5-150			
Surrogate: Toluene-d8	51.3		"	50.0		103	55.4-145			
Surrogate: 4-Bromofluorobenzene	53.4		"	50.0		107	40.4-137			

#### Batch 6040385 - EPA 5030B (P/T)

##### Blank (6040385-BLK1)

Prepared: 04/19/06 Analyzed: 04/20/06

Acetone	ND	10.0	ug/l							
Benzene	ND	2.00	"							
Bromodichloromethane	ND	2.00	"							
Bromoform	ND	1.00	"							
Bromomethane	ND	2.00	"							
2-Butanone	ND	10.0	"							
Carbon disulfide	ND	2.00	"							
Carbon tetrachloride	ND	2.00	"							
Chlorobenzene	ND	2.00	"							
Chlorodibromomethane	ND	2.00	"							
Chloroethane	ND	2.00	"							
Chloroform	ND	2.00	"							
Chloromethane	ND	2.00	"							
1,1-Dichloroethane	ND	2.00	"							
1,2-Dichloroethane	ND	2.00	"							

TestAmerica Analytical - Buffalo Grove

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Reviewed &  
Approved by:

*Andy Johnson*

Andy Johnson, Project Manager

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604175  
Reported: 04/24/06 10:46

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040385 - EPA 5030B (P/T)

##### Blank (6040385-BLK1)

Prepared: 04/19/06 Analyzed: 04/20/06

1,1-Dichloroethene	ND	2.00	ug/l							
cis-1,2-Dichloroethene	ND	2.00	"							
trans-1,2-Dichloroethene	ND	2.00	"							
1,2-Dichloropropane	ND	2.00	"							
1,3-Dichloropropene (cis + trans)	ND	2.00	"							
Ethylbenzene	ND	2.00	"							
2-Hexanone	ND	10.0	"							
Methylene chloride	ND	2.00	"							
4-Methyl-2-pentanone	ND	10.0	"							
Methyl tert-butyl ether	ND	2.00	"							
Styrene	ND	2.00	"							
1,1,2,2-Tetrachloroethane	ND	2.00	"							
Tetrachloroethene	ND	2.00	"							
Toluene	ND	2.00	"							
1,1,1-Trichloroethane	ND	2.00	"							
1,1,2-Trichloroethane	ND	2.00	"							
Trichloroethene	ND	2.00	"							
Trichlorofluoromethane	ND	2.00	"							
Vinyl acetate	ND	2.00	"							
Vinyl chloride	ND	2.00	"							
Total Xylenes	ND	4.00	"							
Surrogate: Dibromofluoromethane	48.2		"	50.0		96.4	69.8-133			
Surrogate: 1,2-Dichloroethane-d4	49.9		"	50.0		99.8	61.2-141			
Surrogate: Toluene-d8	50.8		"	50.0		102	75.8-118			
Surrogate: 4-Bromofluorobenzene	49.1		"	50.0		98.2	68.9-123			

##### LCS (6040385-BS1)

Prepared: 04/19/06 Analyzed: 04/21/06

Acetone	114	10.0	ug/l	100		114	10-150			
Benzene	49.9	2.00	"	50.0		99.8	66-127			
Bromodichloromethane	53.3	2.00	"	50.0		107	70.2-136			
Bromoform	50.7	1.00	"	50.0		101	44.6-150			
Bromomethane	65.4	2.00	"	50.0		131	10-150			
2-Butanone	100	10.0	"	100		100	10-150			
Carbon disulfide	104	2.00	"	100		104	10-150			
Carbon tetrachloride	42.1	2.00	"	50.0		84.2	56.1-137			
Chlorobenzene	49.8	2.00	"	50.0		99.6	75.3-123			

TestAmerica Analytical - Buffalo Grove

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Reviewed &  
Approved by:

*Andy Johnson*

Andy Johnson, Project Manager



Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604175  
Reported: 04/24/06 10:46

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040385 - EPA 5030B (P/T)

LCS (6040385-BS1)				Prepared: 04/19/06		Analyzed: 04/21/06	
Chlorodibromomethane	54.3	2.00	ug/l	50.0	109	66.5-140	
Chloroethane	66.8	2.00	"	50.0	134	30.4-150	
Chloroform	55.1	2.00	"	50.0	110	64.5-135	
Chloromethane	54.0	2.00	"	50.0	108	22-150	
1,1-Dichloroethane	56.7	2.00	"	50.0	113	57.6-140	
1,2-Dichloroethane	52.2	2.00	"	50.0	104	62-142	
1,1-Dichloroethene	51.1	2.00	"	50.0	102	49.4-128	
cis-1,2-Dichloroethene	54.4	2.00	"	50.0	109	69.2-134	
trans-1,2-Dichloroethene	53.0	2.00	"	50.0	106	57.6-135	
1,2-Dichloropropane	51.7	2.00	"	50.0	103	67.5-132	
1,3-Dichloropropene (cis + trans)	85.4	2.00	"	100	85.4	66.2-137	
Ethylbenzene	48.4	2.00	"	50.0	96.8	69.5-129	
2-Hexanone	50.0	10.0	"	100	50.0	10-150	
Methylene chloride	53.3	2.00	"	50.0	107	43.2-150	
4-Methyl-2-pentanone	106	10.0	"	100	106	27.2-150	
Methyl tert-butyl ether	56.4	2.00	"	50.0	113	66.8-141	
Styrene	50.9	2.00	"	50.0	102	65.6-134	
1,1,2,2-Tetrachloroethane	38.9	2.00	"	50.0	77.8	56-146	
Tetrachloroethene	47.6	2.00	"	50.0	95.2	61.9-133	
Toluene	48.0	2.00	"	50.0	96.0	70.5-123	
1,1,1-Trichloroethane	50.4	2.00	"	50.0	101	60.1-137	
1,1,2-Trichloroethane	54.0	2.00	"	50.0	108	77-132	
Trichloroethene	56.2	2.00	"	50.0	112	65.3-132	
Trichlorofluoromethane	57.3	2.00	"	50.0	115	47.2-150	
Vinyl acetate	37.5	2.00	"	100	37.5	10-150	
Vinyl chloride	52.7	2.00	"	50.0	105	39.1-150	
Total Xylenes	152	4.00	"	150	101	64.4-131	
Surrogate: Dibromofluoromethane	54.3		"	50.0	109	69.8-133	
Surrogate: 1,2-Dichloroethane-d4	50.4		"	50.0	101	61.2-141	
Surrogate: Toluene-d8	51.4		"	50.0	103	73.8-118	
Surrogate: 4-Bromofluorobenzene	50.4		"	50.0	101	68.9-123	

TestAmerica Analytical - Buffalo Grove

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Reviewed &  
Approved by:

*Andy Johnson*

Andy Johnson, Project Manager

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604175  
Reported: 04/24/06 10:46

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040385 - EPA 5030B (P/T)

#### Matrix Spike (6040385-MS1)

Source: B604192-03RE1 Prepared: 04/19/06 Analyzed: 04/23/06

Acetone	108	10.0	ug/l	100	ND	108	10-150			
Benzene	50.4	2.00	"	50.0	ND	101	54.8-135			
Bromodichloromethane	51.5	2.00	"	50.0	ND	103	63-141			
Bromoform	45.6	1.00	"	50.0	ND	91.2	39.2-150			
Bromomethane	76.7	2.00	"	50.0	ND	153	10-150			H
2-Butanone	105	10.0	"	100	ND	105	10-150			
Carbon disulfide	108	2.00	"	100	ND	108	10-150			
Carbon tetrachloride	43.2	2.00	"	50.0	ND	86.4	50.4-138			
Chlorobenzene	49.2	2.00	"	50.0	ND	98.4	69.5-127			
Chlorodibromomethane	50.3	2.00	"	50.0	ND	101	61.9-141			
Chloroethane	52.2	2.00	"	50.0	ND	104	18.3-150			
Chloroform	52.8	2.00	"	50.0	ND	106	54.1-142			
Chloromethane	53.7	2.00	"	50.0	2.62	102	19.1-150			
1,1-Dichloroethane	54.8	2.00	"	50.0	ND	110	51.9-141			
1,2-Dichloroethane	50.2	2.00	"	50.0	ND	100	55.5-147			
1,1-Dichloroethene	50.8	2.00	"	50.0	ND	102	36.2-135			
cis-1,2-Dichloroethene	51.4	2.00	"	50.0	ND	103	53.1-146			
trans-1,2-Dichloroethene	55.2	2.00	"	50.0	ND	110	53.7-131			
1,2-Dichloropropane	51.2	2.00	"	50.0	ND	102	60.6-137			
1,3-Dichloropropene (cis + trans)	98.4	2.00	"	100	ND	98.4	16.7-150			
Ethylbenzene	50.6	2.00	"	50.0	ND	101	62.8-133			
2-Hexanone	47.1	10.0	"	100	ND	47.1	11.6-148			
Methylene chloride	53.2	2.00	"	50.0	ND	106	33.8-150			
4-Methyl-2-pentanone	100	10.0	"	100	ND	100	12.1-150			
Methyl tert-butyl ether	53.1	2.00	"	50.0	ND	106	52.6-150			
Styrene	48.9	2.00	"	50.0	ND	97.8	48.8-144			
1,1,2,2-Tetrachloroethane	49.8	2.00	"	50.0	ND	99.6	56.8-150			
Tetrachloroethene	49.5	2.00	"	50.0	ND	99.0	50.8-136			
Toluene	48.3	2.00	"	50.0	0.510	95.6	57.9-131			
1,1,1-Trichloroethane	48.7	2.00	"	50.0	2.79	91.8	53.3-137			
1,1,2-Trichloroethane	52.6	2.00	"	50.0	ND	105	63.7-140			
Trichloroethene	48.3	2.00	"	50.0	ND	96.6	47.2-131			
Trichlorofluoromethane	42.9	2.00	"	50.0	ND	85.8	10.8-150			
Vinyl acetate	128	2.00	"	100	ND	128	10-150			
Vinyl chloride	53.3	2.00	"	50.0	ND	107	13-150			

TestAmerica Analytical - Buffalo Grove

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Reviewed &  
Approved by:

*Andy Johnson*

Andy Johnson, Project Manager

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604175  
Reported: 04/24/06 10:46

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040385 - EPA 5030B (P/T)

##### Matrix Spike (6040385-MS1)

Source: B604192-03RE1 Prepared: 04/19/06 Analyzed: 04/23/06

Total Xylenes	152	4.00	ug/l	150	ND	101	45.9-146			
Surrogate: Dibromofluoromethane	52.7		"	50.0		105	69.8-133			
Surrogate: 1,2-Dichloroethane-d4	50.8		"	50.0		102	61.2-141			
Surrogate: Toluene-d8	52.0		"	50.0		104	75.8-118			
Surrogate: 4-Bromofluorobenzene	51.7		"	50.0		103	68.9-123			

##### Matrix Spike Dup (6040385-MSD1)

Source: B604192-03RE1 Prepared: 04/19/06 Analyzed: 04/23/06

Acetone	96.1	10.0	ug/l	100	ND	96.1	10-150	11.7	40	
Benzene	50.4	2.00	"	50.0	ND	101	54.8-135	0.00	31.9	
Bromodichloromethane	50.7	2.00	"	50.0	ND	101	63-141	1.57	28.2	
Bromoform	44.5	1.00	"	50.0	ND	89.0	39.2-150	2.44	29.3	
Bromomethane	59.2	2.00	"	50.0	ND	118	10-150	25.8	40	
2-Butanone	95.5	10.0	"	100	ND	95.5	10-150	9.48	40	
Carbon disulfide	101	2.00	"	100	ND	101	10-150	6.70	40	
Carbon tetrachloride	42.6	2.00	"	50.0	ND	85.2	50.4-138	1.40	35.1	
Chlorobenzene	48.6	2.00	"	50.0	ND	97.2	69.5-127	1.23	38.4	
Chlorodibromomethane	49.1	2.00	"	50.0	ND	98.2	61.9-141	2.41	29.3	
Chloroethane	50.6	2.00	"	50.0	ND	101	18.3-150	3.11	40	
Chloroform	50.4	2.00	"	50.0	ND	101	54.1-142	4.65	29.1	
Chloromethane	51.7	2.00	"	50.0	2.62	98.2	19.1-150	3.80	40	
1,1-Dichloroethane	52.2	2.00	"	50.0	ND	104	51.9-141	4.86	27.6	
1,2-Dichloroethane	49.9	2.00	"	50.0	ND	99.8	55.5-147	0.599	25.2	
1,1-Dichloroethene	46.6	2.00	"	50.0	ND	93.2	36.2-135	8.62	33.3	
cis-1,2-Dichloroethene	49.1	2.00	"	50.0	ND	98.2	53.1-146	4.58	29.2	
trans-1,2-Dichloroethene	51.0	2.00	"	50.0	ND	102	53.7-131	7.91	32	
1,2-Dichloropropane	50.7	2.00	"	50.0	ND	101	60.6-137	0.981	26.8	
1,3-Dichloropropene (cis + trans)	96.8	2.00	"	100	ND	96.8	16.7-150	1.64	40	
Ethylbenzene	49.0	2.00	"	50.0	ND	98.0	62.8-133	3.21	40	
2-Hexanone	46.5	10.0	"	100	ND	46.5	11.6-148	1.28	40	
Methylene chloride	45.3	2.00	"	50.0	ND	90.6	33.8-150	16.0	36.8	
4-Methyl-2-pentanone	98.0	10.0	"	100	ND	98.0	12.1-150	2.02	40	
Methyl tert-butyl ether	50.0	2.00	"	50.0	ND	100	52.6-150	6.01	40	
Styrene	47.8	2.00	"	50.0	ND	95.6	48.8-144	2.28	40	
1,1,2,2-Tetrachloroethane	49.4	2.00	"	50.0	ND	98.8	56.8-150	0.806	25	
Tetrachloroethene	48.1	2.00	"	50.0	ND	96.2	50.8-136	2.87	40	
Toluene	47.1	2.00	"	50.0	0.510	93.2	57.9-131	2.52	38.7	

TestAmerica Analytical - Buffalo Grove

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Reviewed &  
Approved by:

*Andy Johnson*

Andy Johnson, Project Manager

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604175  
Reported: 04/24/06 10:46

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040385 - EPA 5030B (P/T)

#### Matrix Spike Dup (6040385-MSD1)

Source: B604192-03RE1 Prepared: 04/19/06 Analyzed: 04/23/06

1,1,1-Trichloroethane	47.0	2.00	ug/l	50.0	2.79	88.4	53.3-137	3.55	38.2	
1,1,2-Trichloroethane	51.8	2.00	"	50.0	ND	104	63.7-140	1.53	27.4	
Trichloroethene	47.9	2.00	"	50.0	ND	95.8	47.2-131	0.832	40	
Trichlorofluoromethane	38.3	2.00	"	50.0	ND	76.6	10.8-150	11.3	40	
Vinyl acetate	128	2.00	"	100	ND	128	10-150	0.00	40	
Vinyl chloride	48.5	2.00	"	50.0	ND	97.0	13-150	9.43	40	
Total Xylenes	144	4.00	"	150	ND	96.0	45.9-146	5.41	40	
Surrogate: Dibromofluoromethane	51.1		"	50.0		102	69.8-133			
Surrogate: 1,2-Dichloroethane-d4	50.5		"	50.0		101	61.2-141			
Surrogate: Toluene-d8	51.6		"	50.0		103	75.8-118			
Surrogate: 4-Bromofluorobenzene	52.1		"	50.0		104	68.9-123			

TestAmerica Analytical - Buffalo Grove

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*Andy Johnson*

Andy Johnson, Project Manager



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1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604175  
Reported: 04/24/06 10:46

## Percent Solids - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040286 - General Prep

##### Blank (6040286-BLK1)

Prepared & Analyzed: 04/14/06

% Solids	ND	0.200	%
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##### Duplicate (6040286-DUP1)

Source: B604166-01

Prepared & Analyzed: 04/14/06

% Solids	80.4	0.200	%	79.7	0.874	20
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#### Batch 6040331 - General Prep

##### Blank (6040331-BLK1)

Prepared: 04/17/06 Analyzed: 04/18/06

% Solids	ND	0.200	%
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##### Blank (6040331-BLK2)

Prepared: 04/17/06 Analyzed: 04/18/06

% Solids	ND	0.200	%
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##### Duplicate (6040331-DUP1)

Source: B604175-09

Prepared: 04/17/06 Analyzed: 04/18/06

% Solids	86.8	0.200	%	88.6	2.05	20
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##### Duplicate (6040331-DUP2)

Source: B604205-01

Prepared: 04/17/06 Analyzed: 04/18/06

% Solids	83.0	0.200	%	83.1	0.120	20
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TestAmerica Analytical - Buffalo Grove

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Approved by:

*Andy Johnson*

Andy Johnson, Project Manager

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604175  
Reported: 04/24/06 10:46

### Notes and Definitions

QC The result for one or more quality control measurements associated with this sample did not meet the laboratory and/or source method acceptance criteria.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

L This quality control measurement is below the laboratory established limit.

H This quality control measurement is above the laboratory established limit.

^ The laboratory is not NELAP accredited for this analyte by the indicated matrix and method.

^^ The State of Illinois Accrediting Authority does not offer NELAP accreditation for this analyte by the indicated matrix and method.

Note: All analytes, by matrix and method, are accredited following current NELAP standards unless specifically noted by way of a qualifier listed above.

TestAmerica--Buffalo Grove, IL Wisconsin DNR Certification Lab ID: 999917160

TestAmerica--Buffalo Grove, IL NELAP Primary Accreditation: Illinois #100261

TestAmerica--Buffalo Grove, IL NELAP Secondary Accreditation: New Jersey #IL001

TestAmerica--Nashville, TN NELAP Secondary Accreditation: Illinois #200010

TestAmerica--Dayton, OH NELAP Secondary Accreditation: Illinois #200008

TestAmerica--Watertown, WI NELAP Primary Accreditation: Illinois #100453

TestAmerica--Watertown, WI Wisconsin DNR Certification Lab ID: 128053530



TestAmerica Analytical - Buffalo Grove

Reviewed &  
Approved by:

*Andy Johnson*

Andy Johnson, Project Manager

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# MOSTARDI PLATT ENVIRONMENTAL - CHAIN OF CUSTODY

1520 Kensington Road, Suite 204, Oak Brook, Illinois 60523-2139  
 Phone: 630-993-2100 Fax: 630-993-9017

Date 4/12/06 Page 1 of 1

PROJECT INFORMATION		PRESERVATIVE	
Project Number: <u>M061401</u>	Project Manager: <u>Kim Janson</u>		
Project Name: <u>Sachinoff + Weaver Phase II</u>			
Purchase Order Number: <u>11</u>			
Delivered Via:			
TAT: <input type="checkbox"/> 24 hr. <input type="checkbox"/> 48 hr. <input checked="" type="checkbox"/> 1 wk. <input type="checkbox"/> 2 wk. Reporting: <input checked="" type="checkbox"/> Dry Weight <input type="checkbox"/> Wet Weight			

COMMENTS	
<u>Please note chain of custody seals</u>	

\* Run metal analyses using methods with lowest reporting limit needed to meet TACO background concentrations and remediation objectives.

Subcontracted Laboratory Sample ID	MPA Sample Point ID	Sample Collection Date	Sample Collection Time	Sample Matrix	Number of Containers and Size	BTEX by 5035/8021	BTEX by 5035/8260B	PNAs by 8310	VOCs by 5035/8260B	SVOCs by 8270C	PCBs by 8082	Pesticides by 8081A	Total RCRA Metals * 6010B/7000A	Total Priority Pollutant* 6010B/7000A	Organic Carbon Content by ASTM 2974-87
B604175-01	Trip blank			water	140mL				X						
02	HS-1 (4-6)	4/12/06	9:43	Soil	3gms 1502 Jan	H-O		L							
03	HS-1 (6-8)		9:53			H-O		L							
04	HS-1 (8-10)		9:54			H-O		L							
05	HS-3 (16-18)		16:44			H-O		L							
06	HS-3 (26-28)		17:27			H-O		L							
07	GP-7 (0-2)		20:33			H-O		L	X						
08	GP-7 (4-6)		20:43			H-O		L							
09	GP-8 (0-2)		22:11			H-O		L							
10	GP-8 (6-8)		22:23			H-O		L	X						
11	GP-8 (14.5-16)		22:58			H-O		L							

Relinquished by Collector:		Received by: 1.		Relinquished by: 2.		Received by: (lab)	
Signature: <u>Kim Janson</u>	Time: <u>10:30</u>	Signature: <u>C.E. Winters</u>	Time: <u>10:50</u>	Signature: <u>[Signature]</u>	Time: <u>12:00 PM</u>	Signature: <u>[Signature]</u>	Time: <u>12:00</u>
Printed Name: <u>Kim Janson</u>	Date: <u>4/13/06</u>	Printed Name: <u>C.E. Winters</u>	Date: <u>4/13/06</u>	Printed Name: <u>[Name]</u>	Date: <u>4/13/06</u>	Printed Name: <u>[Name]</u>	Date: <u>4/13/06</u>
Company: <u>Mostardi Platt Env</u>	Company: <u>UPE</u>	Company: <u>UPE</u>	Company: <u>UPE</u>	Company: <u>[Company]</u>	Company: <u>[Company]</u>	Company: <u>[Company]</u>	Company: <u>[Company]</u>
Sample Temp: <u>4°C</u>	Condition of Sample Containers: <u>All containers intact</u>						

Pls Temp: 60°C  
 Lab Temp: 60°C

# MOSTARDI PLATT ENVIRONMENTAL - CHAIN OF CUSTODY

1520 Kensington Road, Suite 204, Oak Brook, Illinois 60523-2139  
 Phone: 630-993-2100 Fax: 630-993-9017

Date 4/12/06 Page 1 of 1

## PROJECT INFORMATION

Project Number: MO61401 Project Manager: Kim Janson  
 Project Name: Sacramento Weaver Ph. II  
 Purchase Order Number:  
 Delivered Via:

TAT: ☐ 24 hr. ☐ 48 hr. ☒ 1 wk. ☐ 2 wk. Reporting ☒ Dry Weight ☐ Wet Weight

## COMMENTS

Please note chain of custody seals

\* Run metal analyses using methods with lowest reporting limit needed to meet TACO background concentrations and remediation objectives.

Subcontracted Laboratory Sample ID

B604175-12 HS-2 (10-12) 4/12/06 14:43 Soil 1 container  
 B604175-13 GP-7 (7-4)

## PRESERVATIVE

## REQUESTED SAMPLE ANALYSIS

BTEX by 5035/8260B	PNAs by 8310	VOCs by 5035/8260B	SVOCs by 8270C	PCBs by 8082	Pesticides by 8081A	Total RCRA Metals * 6010B/7000A	Total Priority Pollutant* 6010B/7000A	Organic Carbon Content by ASTM 2974-87
H D L D		X						

(Sample added to CAC per Kim Janson on 4/14/06)

## Relinquished by Collector:

Signature: [Signature] Time: 3:45  
 Printed Name: Kim Janson Date: 4/12/06  
 Company: MPC

Condition of Sample Containers: 4°C

## Received by: 1.

Signature: [Signature] Time: 10:30  
 Printed Name: Kim Janson Date: 4/13/06  
 Company: Mustardi Platt Env.

## Relinquished by: 2.

Signature: [Signature] Time: 10:30  
 Printed Name: Kim Janson Date: 4/13/06  
 Company: MPC

## Received by: (lab)

Signature: [Signature] Time: 10:30  
 Printed Name: Kim Janson Date: 4/13/06  
 Company: MPC

Relinquished by: T-A Temp: 6°C Lab Temp: 4°C Received: 4/12/06 12:00 PM  
 Signature: [Signature] Date: 4/12/06



24 April 2006

Lab ID: B604199

Kim Janson  
Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

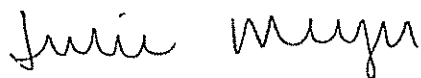
RE: Sachnoff & Weaver Phase II

Enclosed are the results of analyses for samples received by the laboratory on 04/14/06. The sample results relate only to the tested analytes of interest and to the sample as received by the laboratory. At the time of analysis, the laboratory was in compliance with current NELAP standards and held accreditation for all analyses performed unless noted by a qualifier. The laboratory's Illinois NELAP accreditation number is 100261.

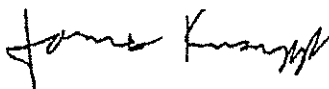
This report can not be reproduced, except in full, without written approval from the laboratory. If you have any questions concerning this report, please feel free to contact Jim Knapp or Margaret Kniest.

Sincerely,

**TestAmerica Analytical Testing Corporation**



Julie Meyer  
Laboratory Director



James Knapp  
Quality Assurance Manager

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604199  
Reported: 04/24/06 12:32

## ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Trip Blank	B604199-01	Water	04/13/06 00:00	04/14/06 15:00
GP-9 (2-4)	B604199-02	Soil	04/13/06 11:50	04/14/06 15:00
GP-9 (8-10)	B604199-03	Soil	04/13/06 11:58	04/14/06 15:00
GP-10 (0-4)	B604199-04	Soil	04/13/06 16:50	04/14/06 15:00
GP-10 (10-12)	B604199-05	Soil	04/13/06 17:29	04/14/06 15:00
MW-2	B604199-06	Water	04/13/06 19:04	04/14/06 15:00
MW-3	B604199-07	Water	04/13/06 19:25	04/14/06 15:00

### Sample Receipt Notes

Please note that the chain of custody (COC) included with this report is considered part of the report. The data user should review any comments or notes made on the COC. Any receipt issues found by the laboratory that are not noted on the COC will be stated below.

All sample container custody seals are intact.

TestAmerica Analytical - Buffalo Grove

Reviewed &  
Approved by:



Andy Johnson, Project Manager

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604199  
Reported: 04/24/06 12:32

## Volatile Organic Compounds by EPA Method 8260B

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Trip Blank (B604199-01) Water Sampled: 04/13/06 00:00 Received: 04/14/06 15:00									
QC									
Acetone	ND	10.0	ug/l	1	6040385	04/19/06	04/20/06	EPA 8260B	
Benzene	ND	2.00	"	"	"	"	"	"	
Bromodichloromethane	ND	2.00	"	"	"	"	"	"	
Bromoform	ND	1.00	"	"	"	"	"	"	
Bromomethane	ND	2.00	"	"	"	"	"	"	
2-Butanone	ND	10.0	"	"	"	"	"	"	
Carbon disulfide	ND	2.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.00	"	"	"	"	"	"	
Chlorobenzene	ND	2.00	"	"	"	"	"	"	
Chlorodibromomethane	ND	2.00	"	"	"	"	"	"	
Chloroethane	ND	2.00	"	"	"	"	"	"	
Chloroform	ND	2.00	"	"	"	"	"	"	
Chloromethane	ND	2.00	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.00	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.00	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.00	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.00	"	"	"	"	"	"	
1,3-Dichloropropene (cis + trans)	ND	2.00	"	"	"	"	"	"	
Ethylbenzene	ND	2.00	"	"	"	"	"	"	
2-Hexanone	ND	10.0	"	"	"	"	"	"	
Methylene chloride	ND	2.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	10.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.00	"	"	"	"	"	"	
Styrene	ND	2.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.00	"	"	"	"	"	"	
Tetrachloroethene	ND	2.00	"	"	"	"	"	"	
Toluene	ND	2.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.00	"	"	"	"	"	"	
Trichloroethene	ND	2.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.00	"	"	"	"	"	"	
Vinyl acetate	ND	2.00	"	"	"	"	"	"	
Vinyl chloride	ND	2.00	"	"	"	"	"	"	
Total Xylenes	ND	4.00	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane	95.8 %	69.8-133	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	99.8 %	61.2-141	"	"	"	"	"	"	
Surrogate: Toluene-d8	101 %	75.8-118	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	98.4 %	68.9-123	"	"	"	"	"	"	

TestAmerica Analytical - Buffalo Grove

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Reviewed &  
Approved by:

*Andy Johnson*

Andy Johnson, Project Manager

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604199  
Reported: 04/24/06 12:32

## Volatile Organic Compounds by EPA Method 8260B

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GP-9 (8-10) (B604199-03) Soil Sampled: 04/13/06 11:58 Received: 04/14/06 15:00									QC
Acetone	ND	24.9	ug/kg dry	1	6040412	04/20/06	04/21/06	EPA 8260B	
Benzene	ND	4.98	"	"	"	"	"	"	
Bromodichloromethane	ND	4.98	"	"	"	"	"	"	
Bromoform	ND	4.98	"	"	"	"	"	"	
Bromomethane	ND	4.98	"	"	"	"	"	"	
2-Butanone	ND	9.97	"	"	"	"	"	"	
Carbon disulfide	ND	4.98	"	"	"	"	"	"	
Carbon tetrachloride	ND	4.98	"	"	"	"	"	"	
Chlorobenzene	ND	4.98	"	"	"	"	"	"	
Chlorodibromomethane	ND	4.98	"	"	"	"	"	"	
Chloroethane	ND	4.98	"	"	"	"	"	"	
Chloroform	ND	4.98	"	"	"	"	"	"	
Chloromethane	ND	4.98	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.98	"	"	"	"	"	"	
1,2-Dichloroethane	ND	4.98	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.98	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.98	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.98	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.98	"	"	"	"	"	"	
1,3-Dichloropropene (cis + trans)	ND	2.99	"	"	"	"	"	"	
Ethylbenzene	ND	4.98	"	"	"	"	"	"	
2-Hexanone	ND	9.97	"	"	"	"	"	"	
Methylene chloride	ND	4.98	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	9.97	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	4.98	"	"	"	"	"	"	
Styrene	ND	4.98	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	4.98	"	"	"	"	"	"	
Tetrachloroethene	ND	4.98	"	"	"	"	"	"	
Toluene	ND	4.98	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	4.98	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	4.98	"	"	"	"	"	"	
Trichloroethene	ND	4.98	"	"	"	"	"	"	
Trichlorofluoromethane	ND	4.98	"	"	"	"	"	"	
Vinyl acetate	ND	9.97	"	"	"	"	"	"	
Vinyl chloride	ND	4.98	"	"	"	"	"	"	
Total Xylenes	ND	9.97	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		111 %	55.9-150		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		113 %	47.5-150		"	"	"	"	
Surrogate: Toluene-d8		105 %	55.4-145		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	40.4-137		"	"	"	"	

TestAmerica Analytical - Buffalo Grove

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Reviewed &  
Approved by:

*Andy Johnson*

Andy Johnson, Project Manager



Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604199  
Reported: 04/24/06 12:32

## Volatile Organic Compounds by EPA Method 8260B

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GP-10 (0-4) (B604199-04) Soil Sampled: 04/13/06 16:50 Received: 04/14/06 15:00									QC
Acetone	ND	28.0	ug/kg dry	1	6040412	04/20/06	04/21/06	EPA 8260B	
Benzene	ND	5.61	"	"	"	"	"	"	
Bromodichloromethane	ND	5.61	"	"	"	"	"	"	
Bromoform	ND	5.61	"	"	"	"	"	"	
Bromomethane	ND	5.61	"	"	"	"	"	"	
2-Butanone	ND	11.2	"	"	"	"	"	"	
Carbon disulfide	ND	5.61	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.61	"	"	"	"	"	"	
Chlorobenzene	ND	5.61	"	"	"	"	"	"	
Chlorodibromomethane	ND	5.61	"	"	"	"	"	"	
Chloroethane	ND	5.61	"	"	"	"	"	"	
Chloroform	ND	5.61	"	"	"	"	"	"	
Chloromethane	ND	5.61	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.61	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.61	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.61	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.61	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.61	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.61	"	"	"	"	"	"	
1,3-Dichloropropene (cis + trans)	ND	3.36	"	"	"	"	"	"	
Ethylbenzene	ND	5.61	"	"	"	"	"	"	
2-Hexanone	ND	11.2	"	"	"	"	"	"	
Methylene chloride	ND	5.61	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	11.2	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.61	"	"	"	"	"	"	
Styrene	ND	5.61	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.61	"	"	"	"	"	"	
Tetrachloroethene	ND	5.61	"	"	"	"	"	"	
Toluene	ND	5.61	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.61	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.61	"	"	"	"	"	"	
Trichloroethene	ND	5.61	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.61	"	"	"	"	"	"	
Vinyl acetate	ND	11.2	"	"	"	"	"	"	
Vinyl chloride	ND	5.61	"	"	"	"	"	"	
Total Xylenes	ND	11.2	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		97.7 %	55.9-150		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		114 %	47.5-150		"	"	"	"	
Surrogate: Toluene-d8		104 %	55.4-145		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	40.4-137		"	"	"	"	

TestAmerica Analytical - Buffalo Grove

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Reviewed &  
Approved by:

*Andy Johnson*

Andy Johnson, Project Manager

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604199  
Reported: 04/24/06 12:32

## Volatile Organic Compounds by EPA Method 8260B

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 (B604199-06) Water Sampled: 04/13/06 19:04 Received: 04/14/06 15:00									QC
Acetone	ND	10.0	ug/l	1	6040385	04/19/06	04/21/06	EPA 8260B	
Benzene	ND	2.00	"	"	"	"	"	"	
Bromodichloromethane	ND	2.00	"	"	"	"	"	"	
Bromoform	ND	1.00	"	"	"	"	"	"	
Bromomethane	ND	2.00	"	"	"	"	"	"	
2-Butanone	ND	10.0	"	"	"	"	"	"	
Carbon disulfide	ND	2.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.00	"	"	"	"	"	"	
Chlorobenzene	ND	2.00	"	"	"	"	"	"	
Chlorodibromomethane	ND	2.00	"	"	"	"	"	"	
Chloroethane	ND	2.00	"	"	"	"	"	"	
Chloroform	ND	2.00	"	"	"	"	"	"	
Chloromethane	ND	2.00	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.00	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.00	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.00	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.00	"	"	"	"	"	"	
1,3-Dichloropropene (cis + trans)	ND	2.00	"	"	"	"	"	"	
Ethylbenzene	ND	2.00	"	"	"	"	"	"	
2-Hexanone	ND	10.0	"	"	"	"	"	"	
Methylene chloride	ND	2.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	10.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.00	"	"	"	"	"	"	
Styrene	ND	2.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.00	"	"	"	"	"	"	
Tetrachloroethene	ND	2.00	"	"	"	"	"	"	
Toluene	ND	2.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.00	"	"	"	"	"	"	
Trichloroethene	ND	2.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.00	"	"	"	"	"	"	
Vinyl acetate	ND	2.00	"	"	"	"	"	"	
Vinyl chloride	ND	2.00	"	"	"	"	"	"	
Total Xylenes	ND	4.00	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		87.4 %		69.8-133	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		98.6 %		61.2-141	"	"	"	"	
Surrogate: Toluene-d8		101 %		75.8-118	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.0 %		68.9-123	"	"	"	"	

TestAmerica Analytical - Buffalo Grove

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Reviewed &  
Approved by:

*Andy Johnson*

Andy Johnson, Project Manager

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604199  
Reported: 04/24/06 12:32

## Volatile Organic Compounds by EPA Method 8260B

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3 (B604199-07) Water Sampled: 04/13/06 19:25 Received: 04/14/06 15:00 QC									
Acetone	ND	10.0	ug/l	1	6040385	04/19/06	04/21/06	EPA 8260B	
Benzene	ND	2.00	"	"	"	"	"	"	
Bromodichloromethane	ND	2.00	"	"	"	"	"	"	
Bromoform	ND	1.00	"	"	"	"	"	"	
Bromomethane	ND	2.00	"	"	"	"	"	"	
2-Butanone	ND	10.0	"	"	"	"	"	"	
Carbon disulfide	ND	2.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.00	"	"	"	"	"	"	
Chlorobenzene	ND	2.00	"	"	"	"	"	"	
Chlorodibromomethane	ND	2.00	"	"	"	"	"	"	
Chloroethane	ND	2.00	"	"	"	"	"	"	
Chloroform	ND	2.00	"	"	"	"	"	"	
Chloromethane	ND	2.00	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.00	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.00	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.00	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.00	"	"	"	"	"	"	
1,3-Dichloropropene (cis + trans)	ND	2.00	"	"	"	"	"	"	
Ethylbenzene	ND	2.00	"	"	"	"	"	"	
2-Hexanone	ND	10.0	"	"	"	"	"	"	
Methylene chloride	ND	2.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	10.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.00	"	"	"	"	"	"	
Styrene	ND	2.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.00	"	"	"	"	"	"	
Tetrachloroethene	ND	2.00	"	"	"	"	"	"	
Toluene	ND	2.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.00	"	"	"	"	"	"	
Trichloroethene	ND	2.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.00	"	"	"	"	"	"	
Vinyl acetate	ND	2.00	"	"	"	"	"	"	
Vinyl chloride	ND	2.00	"	"	"	"	"	"	
Total Xylenes	ND	4.00	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		98.0 %	69.8-133		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		101 %	61.2-141		"	"	"	"	
Surrogate: Toluene-d8		103 %	75.8-118		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.8 %	68.9-123		"	"	"	"	

TestAmerica Analytical - Buffalo Grove

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Reviewed &  
Approved by:

*Andy Johnson*

Andy Johnson, Project Manager

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604199  
Reported: 04/24/06 12:32

## Percent Solids

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GP-9 (8-10) (B604199-03) Soil Sampled: 04/13/06 11:58 Received: 04/14/06 15:00									
% Solids	86.2	0.200	%	1	6040301	04/17/06	04/17/06	EPA 5035 7.5	
GP-10 (0-4) (B604199-04) Soil Sampled: 04/13/06 16:50 Received: 04/14/06 15:00									
% Solids	79.2	0.200	%	1	6040301	04/17/06	04/17/06	EPA 5035 7.5	

TestAmerica Analytical - Buffalo Grove

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*Andy Johnson*

Andy Johnson, Project Manager



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Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604199  
Reported: 04/24/06 12:32

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040385 - EPA 5030B (P/T)

#### Blank (6040385-BLK1)

Prepared: 04/19/06 Analyzed: 04/20/06

Acetone	ND	10.0	ug/l
Benzene	ND	2.00	"
Bromodichloromethane	ND	2.00	"
Bromoform	ND	1.00	"
Bromomethane	ND	2.00	"
2-Butanone	ND	10.0	"
Carbon disulfide	ND	2.00	"
Carbon tetrachloride	ND	2.00	"
Chlorobenzene	ND	2.00	"
Chlorodibromomethane	ND	2.00	"
Chloroethane	ND	2.00	"
Chloroform	ND	2.00	"
Chloromethane	ND	2.00	"
1,1-Dichloroethane	ND	2.00	"
1,2-Dichloroethane	ND	2.00	"
1,1-Dichloroethene	ND	2.00	"
cis-1,2-Dichloroethene	ND	2.00	"
trans-1,2-Dichloroethene	ND	2.00	"
1,2-Dichloropropane	ND	2.00	"
1,3-Dichloropropene (cis + trans)	ND	2.00	"
Ethylbenzene	ND	2.00	"
2-Hexanone	ND	10.0	"
Methylene chloride	ND	2.00	"
4-Methyl-2-pentanone	ND	10.0	"
Methyl tert-butyl ether	ND	2.00	"
Styrene	ND	2.00	"
1,1,2,2-Tetrachloroethane	ND	2.00	"
Tetrachloroethene	ND	2.00	"
Toluene	ND	2.00	"
1,1,1-Trichloroethane	ND	2.00	"
1,1,2-Trichloroethane	ND	2.00	"
Trichloroethene	ND	2.00	"
Trichlorofluoromethane	ND	2.00	"
Vinyl acetate	ND	2.00	"
Vinyl chloride	ND	2.00	"

TestAmerica Analytical - Buffalo Grove

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Andy Johnson, Project Manager

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Lab ID: B604199  
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## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040385 - EPA 5030B (P/T)

##### Blank (6040385-BLK1)

Prepared: 04/19/06 Analyzed: 04/20/06

Total Xylenes	ND	4.00	ug/l							
Surrogate: Dibromofluoromethane	48.2		"	50.0		96.4	69.8-133			
Surrogate: 1,2-Dichloroethane-d4	49.9		"	50.0		99.8	61.2-141			
Surrogate: Toluene-d8	50.8		"	50.0		102	75.8-118			
Surrogate: 4-Bromofluorobenzene	49.1		"	50.0		98.2	68.9-123			

##### LCS (6040385-BS1)

Prepared: 04/19/06 Analyzed: 04/21/06

Acetone	114	10.0	ug/l	100		114	10-150			
Benzene	49.9	2.00	"	50.0		99.8	66-127			
Bromodichloromethane	53.3	2.00	"	50.0		107	70.2-136			
Bromoform	50.7	1.00	"	50.0		101	44.6-150			
Bromomethane	65.4	2.00	"	50.0		131	10-150			
2-Butanone	100	10.0	"	100		100	10-150			
Carbon disulfide	104	2.00	"	100		104	10-150			
Carbon tetrachloride	42.1	2.00	"	50.0		84.2	56.1-137			
Chlorobenzene	49.8	2.00	"	50.0		99.6	75.3-123			
Chlorodibromomethane	54.3	2.00	"	50.0		109	66.5-140			
Chloroethane	66.8	2.00	"	50.0		134	30.4-150			
Chloroform	55.1	2.00	"	50.0		110	64.5-135			
Chloromethane	54.0	2.00	"	50.0		108	22-150			
1,1-Dichloroethane	56.7	2.00	"	50.0		113	57.6-140			
1,2-Dichloroethane	52.2	2.00	"	50.0		104	62-142			
1,1-Dichloroethene	51.1	2.00	"	50.0		102	49.4-128			
cis-1,2-Dichloroethene	54.4	2.00	"	50.0		109	69.2-134			
trans-1,2-Dichloroethene	53.0	2.00	"	50.0		106	57.6-135			
1,2-Dichloropropane	51.7	2.00	"	50.0		103	67.5-132			
1,3-Dichloropropene (cis + trans)	85.4	2.00	"	100		85.4	66.2-137			
Ethylbenzene	48.4	2.00	"	50.0		96.8	69.5-129			
2-Hexanone	50.0	10.0	"	100		50.0	10-150			
Methylene chloride	53.3	2.00	"	50.0		107	43.2-150			
4-Methyl-2-pentanone	106	10.0	"	100		106	27.2-150			
Methyl tert-butyl ether	56.4	2.00	"	50.0		113	66.8-141			
Styrene	50.9	2.00	"	50.0		102	65.6-134			
1,1,2,2-Tetrachloroethane	38.9	2.00	"	50.0		77.8	56-146			
Tetrachloroethene	47.6	2.00	"	50.0		95.2	61.9-133			
Toluene	48.0	2.00	"	50.0		96.0	70.5-123			

TestAmerica Analytical - Buffalo Grove

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Approved by:



Andy Johnson, Project Manager

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604199  
Reported: 04/24/06 12:32

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040385 - EPA 5030B (P/T)

LCS (6040385-BS1)				Prepared: 04/19/06		Analyzed: 04/21/06				
1,1,1-Trichloroethane	50.4	2.00	ug/l	50.0		101	60.1-137			
1,1,2-Trichloroethane	54.0	2.00	"	50.0		108	77-132			
Trichloroethene	56.2	2.00	"	50.0		112	65.3-132			
Trichlorofluoromethane	57.3	2.00	"	50.0		115	47.2-150			
Vinyl acetate	37.5	2.00	"	100		37.5	10-150			
Vinyl chloride	52.7	2.00	"	50.0		105	39.1-150			
Total Xylenes	152	4.00	"	150		101	64.4-131			
Surrogate: Dibromofluoromethane	54.3		"	50.0		109	69.8-133			
Surrogate: 1,2-Dichloroethane-d4	50.4		"	50.0		101	61.2-141			
Surrogate: Toluene-d8	51.4		"	50.0		103	75.8-118			
Surrogate: 4-Bromofluorobenzene	50.4		"	50.0		101	68.9-123			

Matrix Spike (6040385-MS1)	Source: B604192-03RE1			Prepared: 04/19/06	Analyzed: 04/23/06		
Acetone	108	10.0	ug/l	100	ND	108	10-150
Benzene	50.4	2.00	"	50.0	ND	101	54.8-135
Bromodichloromethane	51.5	2.00	"	50.0	ND	103	63-141
Bromoform	45.6	1.00	"	50.0	ND	91.2	39.2-150
Bromomethane	76.7	2.00	"	50.0	ND	153	10-150
2-Butanone	105	10.0	"	100	ND	105	10-150
Carbon disulfide	108	2.00	"	100	ND	108	10-150
Carbon tetrachloride	43.2	2.00	"	50.0	ND	86.4	50.4-138
Chlorobenzene	49.2	2.00	"	50.0	ND	98.4	69.5-127
Chlorodibromomethane	50.3	2.00	"	50.0	ND	101	61.9-141
Chloroethane	52.2	2.00	"	50.0	ND	104	18.3-150
Chloroform	52.8	2.00	"	50.0	ND	106	54.1-142
Chloromethane	53.7	2.00	"	50.0	2.62	102	19.1-150
1,1-Dichloroethane	54.8	2.00	"	50.0	ND	110	51.9-141
1,2-Dichloroethane	50.2	2.00	"	50.0	ND	100	55.5-147
1,1-Dichloroethene	50.8	2.00	"	50.0	ND	102	36.2-135
cis-1,2-Dichloroethene	51.4	2.00	"	50.0	ND	103	53.1-146
trans-1,2-Dichloroethene	55.2	2.00	"	50.0	ND	110	53.7-131
1,2-Dichloropropane	51.2	2.00	"	50.0	ND	102	60.6-137
1,3-Dichloropropene (cis + trans)	98.4	2.00	"	100	ND	98.4	16.7-150
Ethylbenzene	50.6	2.00	"	50.0	ND	101	62.8-133
2-Hexanone	47.1	10.0	"	100	ND	47.1	11.6-148
Methylene chloride	53.2	2.00	"	50.0	ND	106	33.8-150

TestAmerica Analytical - Buffalo Grove

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Reviewed &  
Approved by:

*Andy Johnson*

Andy Johnson, Project Manager

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604199  
Reported: 04/24/06 12:32

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040385 - EPA 5030B (P/T)

##### Matrix Spike (6040385-MS1)

Source: B604192-03RE1 Prepared: 04/19/06 Analyzed: 04/23/06

4-Methyl-2-pentanone	100	10.0	ug/l	100	ND	100	12.1-150			
Methyl tert-butyl ether	53.1	2.00	"	50.0	ND	106	52.6-150			
Styrene	48.9	2.00	"	50.0	ND	97.8	48.8-144			
1,1,2,2-Tetrachloroethane	49.8	2.00	"	50.0	ND	99.6	56.8-150			
Tetrachloroethane	49.5	2.00	"	50.0	ND	99.0	50.8-136			
Toluene	48.3	2.00	"	50.0	0.510	95.6	57.9-131			
1,1,1-Trichloroethane	48.7	2.00	"	50.0	2.79	91.8	53.3-137			
1,1,2-Trichloroethane	52.6	2.00	"	50.0	ND	105	63.7-140			
Trichloroethene	48.3	2.00	"	50.0	ND	96.6	47.2-131			
Trichlorofluoromethane	42.9	2.00	"	50.0	ND	85.8	10.8-150			
Vinyl acetate	128	2.00	"	100	ND	128	10-150			
Vinyl chloride	53.3	2.00	"	50.0	ND	107	13-150			
Total Xylenes	152	4.00	"	150	ND	101	45.9-146			
Surrogate: Dibromofluoromethane	52.7		"	50.0		105	69.8-133			
Surrogate: 1,2-Dichloroethane-d4	50.8		"	50.0		102	61.2-141			
Surrogate: Toluene-d8	52.0		"	50.0		104	75.8-118			
Surrogate: 4-Bromofluorobenzene	51.7		"	50.0		103	68.9-123			

##### Matrix Spike Dup (6040385-MSD1)

Source: B604192-03RE1 Prepared: 04/19/06 Analyzed: 04/23/06

Acetone	96.1	10.0	ug/l	100	ND	96.1	10-150	11.7	40	
Benzene	50.4	2.00	"	50.0	ND	101	54.8-135	0.00	31.9	
Bromodichloromethane	50.7	2.00	"	50.0	ND	101	63-141	1.57	28.2	
Bromoform	44.5	1.00	"	50.0	ND	89.0	39.2-150	2.44	29.3	
Bromomethane	59.2	2.00	"	50.0	ND	118	10-150	25.8	40	
2-Butanone	95.5	10.0	"	100	ND	95.5	10-150	9.48	40	
Carbon disulfide	101	2.00	"	100	ND	101	10-150	6.70	40	
Carbon tetrachloride	42.6	2.00	"	50.0	ND	85.2	50.4-138	1.40	35.1	
Chlorobenzene	48.6	2.00	"	50.0	ND	97.2	69.5-127	1.23	38.4	
Chlorodibromomethane	49.1	2.00	"	50.0	ND	98.2	61.9-141	2.41	29.3	
Chloroethane	50.6	2.00	"	50.0	ND	101	18.3-150	3.11	40	
Chloroform	50.4	2.00	"	50.0	ND	101	54.1-142	4.65	29.1	
Chloromethane	51.7	2.00	"	50.0	2.62	98.2	19.1-150	3.80	40	
1,1-Dichloroethane	52.2	2.00	"	50.0	ND	104	51.9-141	4.86	27.6	
1,2-Dichloroethane	49.9	2.00	"	50.0	ND	99.8	55.5-147	0.599	25.2	
1,1-Dichloroethene	46.6	2.00	"	50.0	ND	93.2	36.2-135	8.62	33.3	
cis-1,2-Dichloroethene	49.1	2.00	"	50.0	ND	98.2	53.1-146	4.58	29.2	

TestAmerica Analytical - Buffalo Grove

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*Andy Johnson*

Andy Johnson, Project Manager



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Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604199  
Reported: 04/24/06 12:32

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040385 - EPA 5030B (P/T)

##### Matrix Spike Dup (6040385-MSD1)

Source: B604192-03RE1 Prepared: 04/19/06 Analyzed: 04/23/06

trans-1,2-Dichloroethene	51.0	2.00	ug/l	50.0	ND	102	53.7-131	7.91	32	
1,2-Dichloropropane	50.7	2.00	"	50.0	ND	101	60.6-137	0.981	26.8	
1,3-Dichloropropane (cis + trans)	96.8	2.00	"	100	ND	96.8	16.7-150	1.64	40	
Ethylbenzene	49.0	2.00	"	50.0	ND	98.0	62.8-133	3.21	40	
2-Hexanone	46.5	10.0	"	100	ND	46.5	11.6-148	1.28	40	
Methylene chloride	45.3	2.00	"	50.0	ND	90.6	33.8-150	16.0	36.8	
4-Methyl-2-pentanone	98.0	10.0	"	100	ND	98.0	12.1-150	2.02	40	
Methyl tert-butyl ether	50.0	2.00	"	50.0	ND	100	52.6-150	6.01	40	
Styrene	47.8	2.00	"	50.0	ND	95.6	48.8-144	2.28	40	
1,1,2,2-Tetrachloroethane	49.4	2.00	"	50.0	ND	98.8	56.8-150	0.806	25	
Tetrachloroethene	48.1	2.00	"	50.0	ND	96.2	50.8-136	2.87	40	
Toluene	47.1	2.00	"	50.0	0.510	93.2	57.9-131	2.52	38.7	
1,1,1-Trichloroethane	47.0	2.00	"	50.0	2.79	88.4	53.3-137	3.55	38.2	
1,1,2-Trichloroethane	51.8	2.00	"	50.0	ND	104	63.7-140	1.53	27.4	
Trichloroethene	47.9	2.00	"	50.0	ND	95.8	47.2-131	0.832	40	
Trichlorofluoromethane	38.3	2.00	"	50.0	ND	76.6	10.8-150	11.3	40	
Vinyl acetate	128	2.00	"	100	ND	128	10-150	0.00	40	
Vinyl chloride	48.5	2.00	"	50.0	ND	97.0	13-150	9.43	40	
Total Xylenes	144	4.00	"	150	ND	96.0	45.9-146	5.41	40	
Surrogate: Dibromofluoromethane	51.1		"	50.0		102	69.8-133			
Surrogate: 1,2-Dichloroethane-d4	50.5		"	50.0		101	61.2-141			
Surrogate: Toluene-d8	51.6		"	50.0		103	75.8-118			
Surrogate: 4-Bromofluorobenzene	52.1		"	50.0		104	68.9-123			

#### Batch 6040412 - EPA 5035B (P/T)

##### Blank (6040412-BLK1)

Prepared: 04/20/06 Analyzed: 04/21/06

Acetone	ND	25.0	ug/kg wet
Benzene	ND	5.00	"
Bromodichloromethane	ND	5.00	"
Bromoform	ND	5.00	"
Bromomethane	ND	5.00	"
2-Butanone	ND	10.0	"
Carbon disulfide	ND	5.00	"
Carbon tetrachloride	ND	5.00	"
Chlorobenzene	ND	5.00	"

TestAmerica Analytical - Buffalo Grove

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*Andy Johnson*

Andy Johnson, Project Manager

Mostardi Platt Environmental  
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Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604199  
Reported: 04/24/06 12:32

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040412 - EPA 5035B [P/T]

#### Blank (6040412-BLK1)

Prepared: 04/20/06 Analyzed: 04/21/06

Chlorodibromomethane	ND	5.00	ug/kg wet							
Chloroethane	ND	5.00	"							
Chloroform	ND	5.00	"							
Chloromethane	ND	5.00	"							
1,1-Dichloroethane	ND	5.00	"							
1,2-Dichloroethane	ND	5.00	"							
1,1-Dichloroethene	ND	5.00	"							
cis-1,2-Dichloroethene	ND	5.00	"							
trans-1,2-Dichloroethene	ND	5.00	"							
1,2-Dichloropropane	ND	5.00	"							
1,3-Dichloropropene (cis + trans)	ND	3.00	"							
Ethylbenzene	ND	5.00	"							
2-Hexanone	ND	10.0	"							
Methylene chloride	ND	5.00	"							
4-Methyl-2-pentanone	ND	10.0	"							
Methyl tert-butyl ether	ND	5.00	"							
Styrene	ND	5.00	"							
1,1,2,2-Tetrachloroethane	ND	5.00	"							
Tetrachloroethene	ND	5.00	"							
Toluene	ND	5.00	"							
1,1,1-Trichloroethane	ND	5.00	"							
1,1,2-Trichloroethane	ND	5.00	"							
Trichloroethene	ND	5.00	"							
Trichlorofluoromethane	ND	5.00	"							
Vinyl acetate	ND	10.0	"							
Vinyl chloride	ND	5.00	"							
Total Xylenes	ND	10.0	"							
Surrogate: Dibromofluoromethane	45.2		"	50.0		90.4	55.9-150			
Surrogate: 1,2-Dichloroethane-d4	54.4		"	50.0		109	47.5-150			
Surrogate: Toluene-d8	51.5		"	50.0		103	55.4-145			
Surrogate: 4-Bromofluorobenzene	50.6		"	50.0		101	40.4-137			

TestAmerica Analytical - Buffalo Grove

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Reviewed &  
Approved by:

*Andy Johnson*

Andy Johnson, Project Manager

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604199  
Reported: 04/24/06 12:32

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040412 - EPA 5035B [P/T]

LCS (6040412-BS1)				Prepared: 04/20/06		Analyzed: 04/21/06				
Acetone	138	25.0	ug/kg wet	100		138	10-150			
Benzene	44.9	5.00	"	50.0		89.8	54.8-130			
Bromodichloromethane	46.2	5.00	"	50.0		92.4	55.7-137			
Bromoform	45.4	5.00	"	50.0		90.8	48.6-150			
Bromomethane	55.0	5.00	"	50.0		110	10-150			
2-Butanone	97.6	10.0	"	100		97.6	10-150			
Carbon disulfide	105	5.00	"	100		105	10-150			
Carbon tetrachloride	39.2	5.00	"	50.0		78.4	43.4-141			
Chlorobenzene	42.3	5.00	"	50.0		84.6	56.2-127			
Chlorodibromomethane	46.9	5.00	"	50.0		93.8	54.1-142			
Chloroethane	83.9	5.00	"	50.0		168	10-150			H
Chloroform	51.0	5.00	"	50.0		102	53.7-135			
Chloromethane	52.3	5.00	"	50.0		105	12.4-150			
1,1-Dichloroethane	52.4	5.00	"	50.0		105	47.4-139			
1,2-Dichloroethane	46.3	5.00	"	50.0		92.6	54.6-140			
1,1-Dichloroethene	50.6	5.00	"	50.0		101	35.5-135			
cis-1,2-Dichloroethene	49.5	5.00	"	50.0		99.0	52.5-136			
trans-1,2-Dichloroethene	51.7	5.00	"	50.0		103	47.8-133			
1,2-Dichloropropane	43.9	5.00	"	50.0		87.8	68.3-124			
1,3-Dichloropropene (cis + trans)	79.4	3.00	"	100		79.4	60.9-140			
Ethylbenzene	43.2	5.00	"	50.0		86.4	50.7-127			
2-Hexanone	51.8	10.0	"	100		51.8	10-150			
Methylene chloride	58.8	5.00	"	50.0		118	25.4-150			
4-Methyl-2-pentanone	111	10.0	"	100		111	10-150			
Methyl tert-butyl ether	49.6	5.00	"	50.0		99.2	47.3-150			
Styrene	38.8	5.00	"	50.0		77.6	48.3-127			
1,1,2,2-Tetrachloroethane	47.5	5.00	"	50.0		95.0	30.4-150			
Tetrachloroethene	42.3	5.00	"	50.0		84.6	46.7-131			
Toluene	42.2	5.00	"	50.0		84.4	53.6-127			
1,1,1-Trichloroethane	48.1	5.00	"	50.0		96.2	49.3-136			
1,1,2-Trichloroethane	48.9	5.00	"	50.0		97.8	57.2-146			
Trichloroethene	43.8	5.00	"	50.0		87.6	55-128			
Trichlorofluoromethane	55.9	5.00	"	50.0		112	10-150			
Vinyl acetate	56.2	10.0	"	100		56.2	10-150			
Vinyl chloride	54.0	5.00	"	50.0		108	28.4-150			

TestAmerica Analytical - Buffalo Grove

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Reviewed &  
Approved by:

*Andy Johnson*

Andy Johnson, Project Manager

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604199  
Reported: 04/24/06 12:32

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040412 - EPA 5035B [P/T]

##### LCS (6040412-BS1)

Prepared: 04/20/06 Analyzed: 04/21/06

Total Xylenes	129	10.0	ug/kg wet	150		86.0	43.1-136			
Surrogate: Dibromofluoromethane	59.5		"	50.0		119	55.9-150			
Surrogate: 1,2-Dichloroethane-d4	57.0		"	50.0		114	47.5-150			
Surrogate: Toluene-d8	52.0		"	50.0		104	55.4-145			
Surrogate: 4-Bromofluorobenzene	53.1		"	50.0		106	40.4-137			

##### LCS Dup (6040412-BSD1)

Prepared: 04/20/06 Analyzed: 04/21/06

Acetone	141	25.0	ug/kg wet	100		141	10-150	2.15	35	
Benzene	46.2	5.00	"	50.0		92.4	54.8-130	2.85	35	
Bromodichloromethane	48.4	5.00	"	50.0		96.8	55.7-137	4.65	31.6	
Bromoform	46.6	5.00	"	50.0		93.2	48.6-150	2.61	35	
Bromomethane	61.6	5.00	"	50.0		123	10-150	11.3	35	
2-Butanone	99.6	10.0	"	100		99.6	10-150	2.03	35	
Carbon disulfide	105	5.00	"	100		105	10-150	0.00	35	
Carbon tetrachloride	40.2	5.00	"	50.0		80.4	43.4-141	2.52	35	
Chlorobenzene	43.8	5.00	"	50.0		87.6	56.2-127	3.48	35	
Chlorodibromomethane	47.8	5.00	"	50.0		95.6	54.1-142	1.90	34	
Chloroethane	83.7	5.00	"	50.0		167	10-150	0.239	35	H
Chloroform	51.3	5.00	"	50.0		103	53.7-135	0.587	32.2	
Chloromethane	53.7	5.00	"	50.0		107	12.4-150	2.64	35	
1,1-Dichloroethane	52.8	5.00	"	50.0		106	47.4-139	0.760	35	
1,2-Dichloroethane	47.3	5.00	"	50.0		94.6	54.6-140	2.14	31.5	
1,1-Dichloroethene	49.6	5.00	"	50.0		99.2	35.5-135	2.00	35	
cis-1,2-Dichloroethene	49.6	5.00	"	50.0		99.2	52.5-136	0.202	32.9	
trans-1,2-Dichloroethene	52.1	5.00	"	50.0		104	47.8-133	0.771	35	
1,2-Dichloropropane	46.6	5.00	"	50.0		93.2	68.3-124	5.97	27.4	
1,3-Dichloropropene (cis + trans)	83.0	3.00	"	100		83.0	60.9-140	4.43	35	
Ethylbenzene	45.1	5.00	"	50.0		90.2	50.7-127	4.30	35	
2-Hexanone	54.5	10.0	"	100		54.5	10-150	5.08	35	
Methylene chloride	57.4	5.00	"	50.0		115	25.4-150	2.41	35	
4-Methyl-2-pentanone	115	10.0	"	100		115	10-150	3.54	35	
Methyl tert-butyl ether	49.4	5.00	"	50.0		98.8	47.3-150	0.404	35	
Styrene	39.8	5.00	"	50.0		79.6	48.3-127	2.54	35	
1,1,2,2-Tetrachloroethane	47.3	5.00	"	50.0		94.6	30.4-150	0.422	35	
Tetrachloroethene	43.8	5.00	"	50.0		87.6	46.7-131	3.48	35	
Toluene	44.5	5.00	"	50.0		89.0	53.6-127	5.31	35	

TestAmerica Analytical - Buffalo Grove

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Reviewed &  
Approved by:

*Andy Johnson*

Andy Johnson, Project Manager



Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604199  
Reported: 04/24/06 12:32

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040412 - EPA 5035B [P/T]

LCS Dup (6040412-BSD1)				Prepared: 04/20/06		Analyzed: 04/21/06				
1,1,1-Trichloroethane	48.8	5.00	ug/kg wet	50.0		97.6	49.3-136	1.44	35	
1,1,2-Trichloroethane	50.5	5.00	"	50.0		101	57.2-146	3.22	30.2	
Trichloroethene	46.2	5.00	"	50.0		92.4	55-128	5.33	35	
Trichlorofluoromethane	55.8	5.00	"	50.0		112	10-150	0.179	35	
Vinyl acetate	61.3	10.0	"	100		61.3	10-150	8.68	35	
Vinyl chloride	57.5	5.00	"	50.0		115	28.4-150	6.28	35	
Total Xylenes	136	10.0	"	150		90.7	43.1-136	5.28	35	
Surrogate: Dibromofluoromethane	57.2		"	50.0		114	55.9-150			
Surrogate: 1,2-Dichloroethane-d4	57.6		"	50.0		115	47.5-150			
Surrogate: Toluene-d8	52.6		"	50.0		105	55.4-145			
Surrogate: 4-Bromofluorobenzene	52.9		"	50.0		106	40.4-137			

TestAmerica Analytical - Buffalo Grove

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Reviewed &  
Approved by:

*Andy Johnson*

Andy Johnson, Project Manager

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson


Lab ID: B604199  
Reported: 04/24/06 12:32

## Percent Solids - Quality Control TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 6040301 - General Prep</b>										
<b>Blank (6040301-BLK1)</b>					Prepared & Analyzed: 04/17/06					
% Solids	ND	0.200	%							
<b>Blank (6040301-BLK2)</b>					Prepared & Analyzed: 04/17/06					
% Solids	ND	0.200	%							
<b>Duplicate (6040301-DUP1)</b>					Source: B604199-03		Prepared & Analyzed: 04/17/06			
% Solids	86.9	0.200	%		86.2			0.809	20	
<b>Duplicate (6040301-DUP2)</b>					Source: B604199-04		Prepared & Analyzed: 04/17/06			
% Solids	79.5	0.200	%		79.2			0.378	20	

TestAmerica Analytical - Buffalo Grove

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Andy Johnson, Project Manager

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604199  
Reported: 04/24/06 12:32

### Notes and Definitions

QC The result for one or more quality control measurements associated with this sample did not meet the laboratory and/or source method acceptance criteria.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

L This quality control measurement is below the laboratory established limit.

H This quality control measurement is above the laboratory established limit.

^ The laboratory is not NELAP accredited for this analyte by the indicated matrix and method.

^^ The State of Illinois Accrediting Authority does not offer NELAP accreditation for this analyte by the indicated matrix and method.

Note: All analytes, by matrix and method, are accredited following current NELAP standards unless specifically noted by way of a qualifier listed above.

TestAmerica--Buffalo Grove, IL Wisconsin DNR Certification Lab ID: 999917160  
TestAmerica--Buffalo Grove, IL NELAP Primary Accreditation: Illinois #100261  
TestAmerica--Buffalo Grove, IL NELAP Secondary Accreditation: New Jersey #IL001  
TestAmerica--Nashville, TN NELAP Secondary Accreditation: Illinois #200010  
TestAmerica--Dayton, OH NELAP Secondary Accreditation: Illinois #200008  
TestAmerica--Watertown, WI NELAP Primary Accreditation: Illinois #100453  
TestAmerica--Watertown, WI Wisconsin DNR Certification Lab ID: 128053530



TestAmerica Analytical - Buffalo Grove

Reviewed &  
Approved by:

*Andy Johnson*

Andy Johnson, Project Manager

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24 April 2006

Lab ID: B604201

Kim Janson  
Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

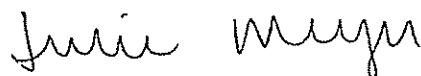
RE: Sachnoff & Weaver Phase II

Enclosed are the results of analyses for samples received by the laboratory on 04/14/06. The sample results relate only to the tested analytes of interest and to the sample as received by the laboratory. At the time of analysis, the laboratory was in compliance with current NELAP standards and held accreditation for all analyses performed unless noted by a qualifier. The laboratory's Illinois NELAP accreditation number is 100261.

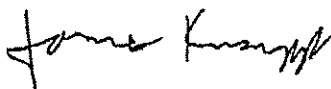
This report can not be reproduced, except in full, without written approval from the laboratory. If you have any questions concerning this report, please feel free to contact Jim Knapp or Margaret Kniest.

Sincerely,

**TestAmerica Analytical Testing Corporation**



Julie Meyer  
Laboratory Director



James Knapp  
Quality Assurance Manager



Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604201  
Reported: 04/24/06 11:00

## ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
QA/QC	B604201-01	Water	04/13/06 16:35	04/14/06 15:00


### Sample Receipt Notes

Please note that the chain of custody (COC) included with this report is considered part of the report. The data user should review any comments or notes made on the COC. Any receipt issues found by the laboratory that are not noted on the COC will be stated below.

All sample container custody seals are intact.

TestAmerica Analytical - Buffalo Grove

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Approved by: 

Andy Johnson, Project Manager

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604201  
Reported: 04/24/06 11:00

## Volatile Organic Compounds by EPA Method 8260B

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
QA/QC (B604201-01) Water Sampled: 04/13/06 16:35 Received: 04/14/06 15:00									QC
Acetone	ND	10.0	ug/l	1	6040385	04/19/06	04/21/06	EPA 8260B	
Benzene	ND	2.00	"	"	"	"	"	"	
Bromodichloromethane	ND	2.00	"	"	"	"	"	"	
Bromoform	ND	1.00	"	"	"	"	"	"	
Bromomethane	ND	2.00	"	"	"	"	"	"	
2-Butanone	ND	10.0	"	"	"	"	"	"	
Carbon disulfide	ND	2.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.00	"	"	"	"	"	"	
Chlorobenzene	ND	2.00	"	"	"	"	"	"	
Chlorodibromomethane	ND	2.00	"	"	"	"	"	"	
Chloroethane	ND	2.00	"	"	"	"	"	"	
Chloroform	ND	2.00	"	"	"	"	"	"	
Chloromethane	ND	2.00	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.00	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.00	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.00	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.00	"	"	"	"	"	"	
1,3-Dichloropropene (cis + trans)	ND	2.00	"	"	"	"	"	"	
Ethylbenzene	ND	2.00	"	"	"	"	"	"	
2-Hexanone	ND	10.0	"	"	"	"	"	"	
Methylene chloride	ND	2.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	10.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.00	"	"	"	"	"	"	
Styrene	ND	2.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.00	"	"	"	"	"	"	
Tetrachloroethene	ND	2.00	"	"	"	"	"	"	
Toluene	ND	2.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.00	"	"	"	"	"	"	
Trichloroethene	ND	2.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.00	"	"	"	"	"	"	
Vinyl acetate	ND	2.00	"	"	"	"	"	"	
Vinyl chloride	ND	2.00	"	"	"	"	"	"	
Total Xylenes	ND	4.00	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		90.0 %		69.8-133	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		96.8 %		61.2-141	"	"	"	"	
Surrogate: Toluene-d8		101 %		75.8-118	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.6 %		68.9-123	"	"	"	"	

TestAmerica Analytical - Buffalo Grove

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Approved by:

*Andy Johnson*

Andy Johnson, Project Manager

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604201  
Reported: 04/24/06 11:00

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040385 - EPA 5030B (P/T)

#### Blank (6040385-BLK1)

Prepared: 04/19/06 Analyzed: 04/20/06

Acetone	ND	10.0	ug/l
Benzene	ND	2.00	"
Bromodichloromethane	ND	2.00	"
Bromoform	ND	1.00	"
Bromomethane	ND	2.00	"
2-Butanone	ND	10.0	"
Carbon disulfide	ND	2.00	"
Carbon tetrachloride	ND	2.00	"
Chlorobenzene	ND	2.00	"
Chlorodibromomethane	ND	2.00	"
Chloroethane	ND	2.00	"
Chloroform	ND	2.00	"
Chloromethane	ND	2.00	"
1,1-Dichloroethane	ND	2.00	"
1,2-Dichloroethane	ND	2.00	"
1,1-Dichloroethene	ND	2.00	"
cis-1,2-Dichloroethene	ND	2.00	"
trans-1,2-Dichloroethene	ND	2.00	"
1,2-Dichloropropane	ND	2.00	"
1,3-Dichloropropene (cis + trans)	ND	2.00	"
Ethylbenzene	ND	2.00	"
2-Hexanone	ND	10.0	"
Methylene chloride	ND	2.00	"
4-Methyl-2-pentanone	ND	10.0	"
Methyl tert-butyl ether	ND	2.00	"
Styrene	ND	2.00	"
1,1,2,2-Tetrachloroethane	ND	2.00	"
Tetrachloroethene	ND	2.00	"
Toluene	ND	2.00	"
1,1,1-Trichloroethane	ND	2.00	"
1,1,2-Trichloroethane	ND	2.00	"
Trichloroethene	ND	2.00	"
Trichlorofluoromethane	ND	2.00	"
Vinyl acetate	ND	2.00	"
Vinyl chloride	ND	2.00	"

TestAmerica Analytical - Buffalo Grove

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Reviewed &  
Approved by:

*Andy Johnson*

Andy Johnson, Project Manager

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604201  
Reported: 04/24/06 11:00

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

#### Batch 6040385 - EPA 5030B (P/T)

##### Blank (6040385-BLK1)

Prepared: 04/19/06 Analyzed: 04/20/06

Total Xylenes	ND	4.00	ug/l							
Surrogate: Dibromofluoromethane	48.2		"	50.0		96.4	69.8-133			
Surrogate: 1,2-Dichloroethane-d4	49.9		"	50.0		99.8	61.2-141			
Surrogate: Toluene-d8	50.8		"	50.0		102	75.8-118			
Surrogate: 4-Bromofluorobenzene	49.1		"	50.0		98.2	68.9-123			

##### LCS (6040385-BS1)

Prepared: 04/19/06 Analyzed: 04/21/06

Acetone	114	10.0	ug/l	100		114	10-150			
Benzene	49.9	2.00	"	50.0		99.8	66-127			
Bromodichloromethane	53.3	2.00	"	50.0		107	70.2-136			
Bromoform	50.7	1.00	"	50.0		101	44.6-150			
Bromomethane	65.4	2.00	"	50.0		131	10-150			
2-Butanone	100	10.0	"	100		100	10-150			
Carbon disulfide	104	2.00	"	100		104	10-150			
Carbon tetrachloride	42.1	2.00	"	50.0		84.2	56.1-137			
Chlorobenzene	49.8	2.00	"	50.0		99.6	75.3-123			
Chlorodibromomethane	54.3	2.00	"	50.0		109	66.5-140			
Chloroethane	66.8	2.00	"	50.0		134	30.4-150			
Chloroform	55.1	2.00	"	50.0		110	64.5-135			
Chloromethane	54.0	2.00	"	50.0		108	22-150			
1,1-Dichloroethane	56.7	2.00	"	50.0		113	57.6-140			
1,2-Dichloroethane	52.2	2.00	"	50.0		104	62-142			
1,1-Dichloroethene	51.1	2.00	"	50.0		102	49.4-128			
cis-1,2-Dichloroethene	54.4	2.00	"	50.0		109	69.2-134			
trans-1,2-Dichloroethene	53.0	2.00	"	50.0		106	57.6-135			
1,2-Dichloropropane	51.7	2.00	"	50.0		103	67.5-132			
1,3-Dichloropropene (cis + trans)	85.4	2.00	"	100		85.4	66.2-137			
Ethylbenzene	48.4	2.00	"	50.0		96.8	69.5-129			
2-Hexanone	50.0	10.0	"	100		50.0	10-150			
Methylene chloride	53.3	2.00	"	50.0		107	43.2-150			
4-Methyl-2-pentanone	106	10.0	"	100		106	27.2-150			
Methyl tert-butyl ether	56.4	2.00	"	50.0		113	66.8-141			
Styrene	50.9	2.00	"	50.0		102	65.6-134			
1,1,2,2-Tetrachloroethane	38.9	2.00	"	50.0		77.8	56-146			
Tetrachloroethene	47.6	2.00	"	50.0		95.2	61.9-133			
Toluene	48.0	2.00	"	50.0		96.0	70.5-123			

TestAmerica Analytical - Buffalo Grove

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Reviewed &  
Approved by:

*Andy Johnson*

Andy Johnson, Project Manager

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604201  
Reported: 04/24/06 11:00

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040385 - EPA 5030B (P/T)

LCS (6040385-BS1)				Prepared: 04/19/06		Analyzed: 04/21/06				
1,1,1-Trichloroethane	50.4	2.00	ug/l	50.0		101	60.1-137			
1,1,2-Trichloroethane	54.0	2.00	"	50.0		108	77-132			
Trichloroethene	56.2	2.00	"	50.0		112	65.3-132			
Trichlorofluoromethane	57.3	2.00	"	50.0		115	47.2-150			
Vinyl acetate	37.5	2.00	"	100		37.5	10-150			
Vinyl chloride	52.7	2.00	"	50.0		105	39.1-150			
Total Xylenes	152	4.00	"	150		101	64.4-131			
Surrogate: Dibromofluoromethane	54.3		"	50.0		109	69.8-133			
Surrogate: 1,2-Dichloroethane-d4	50.4		"	50.0		101	61.2-141			
Surrogate: Toluene-d8	51.4		"	50.0		103	75.8-118			
Surrogate: 4-Bromofluorobenzene	50.4		"	50.0		101	68.9-123			

Matrix Spike (6040385-MS1)	Source: B604192-03RE1			Prepared: 04/19/06	Analyzed: 04/23/06		
Acetone	108	10.0	ug/l	100	ND	108	10-150
Benzene	50.4	2.00	"	50.0	ND	101	54.8-135
Bromodichloromethane	51.5	2.00	"	50.0	ND	103	63-141
Bromoform	45.6	1.00	"	50.0	ND	91.2	39.2-150
Bromomethane	76.7	2.00	"	50.0	ND	153	10-150
2-Butanone	105	10.0	"	100	ND	105	10-150
Carbon disulfide	108	2.00	"	100	ND	108	10-150
Carbon tetrachloride	43.2	2.00	"	50.0	ND	86.4	50.4-138
Chlorobenzene	49.2	2.00	"	50.0	ND	98.4	69.5-127
Chlorodibromomethane	50.3	2.00	"	50.0	ND	101	61.9-141
Chloroethane	52.2	2.00	"	50.0	ND	104	18.3-150
Chloroform	52.8	2.00	"	50.0	ND	106	54.1-142
Chloromethane	53.7	2.00	"	50.0	2.62	102	19.1-150
1,1-Dichloroethane	54.8	2.00	"	50.0	ND	110	51.9-141
1,2-Dichloroethane	50.2	2.00	"	50.0	ND	100	55.5-147
1,1-Dichloroethene	50.8	2.00	"	50.0	ND	102	36.2-135
cis-1,2-Dichloroethene	51.4	2.00	"	50.0	ND	103	53.1-146
trans-1,2-Dichloroethene	55.2	2.00	"	50.0	ND	110	53.7-131
1,2-Dichloropropane	51.2	2.00	"	50.0	ND	102	60.6-137
1,3-Dichloropropene (cis + trans)	98.4	2.00	"	100	ND	98.4	16.7-150
Ethylbenzene	50.6	2.00	"	50.0	ND	101	62.8-133
2-Hexanone	47.1	10.0	"	100	ND	47.1	11.6-148
Methylene chloride	53.2	2.00	"	50.0	ND	106	33.8-150

TestAmerica Analytical - Buffalo Grove

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Reviewed &  
Approved by:

*Andy Johnson*

Andy Johnson, Project Manager



Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604201  
Reported: 04/24/06 11:00

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040385 - EPA 5030B (P/T)

Matrix Spike (6040385-MS1) Source: B604192-03RE1 Prepared: 04/19/06 Analyzed: 04/23/06

4-Methyl-2-pentanone	100	10.0	ug/l	100	ND	100	12.1-150			
Methyl tert-butyl ether	53.1	2.00	"	50.0	ND	106	52.6-150			
Styrene	48.9	2.00	"	50.0	ND	97.8	48.8-144			
1,1,2,2-Tetrachloroethane	49.8	2.00	"	50.0	ND	99.6	56.8-150			
Tetrachloroethene	49.5	2.00	"	50.0	ND	99.0	50.8-136			
Toluene	48.3	2.00	"	50.0	0.510	95.6	57.9-131			
1,1,1-Trichloroethane	48.7	2.00	"	50.0	2.79	91.8	53.3-137			
1,1,2-Trichloroethane	52.6	2.00	"	50.0	ND	105	63.7-140			
Trichloroethene	48.3	2.00	"	50.0	ND	96.6	47.2-131			
Trichlorofluoromethane	42.9	2.00	"	50.0	ND	85.8	10.8-150			
Vinyl acetate	128	2.00	"	100	ND	128	10-150			
Vinyl chloride	53.3	2.00	"	50.0	ND	107	13-150			
Total Xylenes	152	4.00	"	150	ND	101	45.9-146			
Surrogate: Dibromofluoromethane	52.7		"	50.0		105	69.8-133			
Surrogate: 1,2-Dichloroethane-d4	50.8		"	50.0		102	61.2-141			
Surrogate: Toluene-d8	52.0		"	50.0		104	75.8-118			
Surrogate: 4-Bromofluorobenzene	51.7		"	50.0		103	68.9-123			

Matrix Spike Dup (6040385-MSD1) Source: B604192-03RE1 Prepared: 04/19/06 Analyzed: 04/23/06

Acetone	96.1	10.0	ug/l	100	ND	96.1	10-150	11.7	40	
Benzene	50.4	2.00	"	50.0	ND	101	54.8-135	0.00	31.9	
Bromodichloromethane	50.7	2.00	"	50.0	ND	101	63-141	1.57	28.2	
Bromoform	44.5	1.00	"	50.0	ND	89.0	39.2-150	2.44	29.3	
Bromomethane	59.2	2.00	"	50.0	ND	118	10-150	25.8	40	
2-Butanone	95.5	10.0	"	100	ND	95.5	10-150	9.48	40	
Carbon disulfide	101	2.00	"	100	ND	101	10-150	6.70	40	
Carbon tetrachloride	42.6	2.00	"	50.0	ND	85.2	50.4-138	1.40	35.1	
Chlorobenzene	48.6	2.00	"	50.0	ND	97.2	69.5-127	1.23	38.4	
Chlorodibromomethane	49.1	2.00	"	50.0	ND	98.2	61.9-141	2.41	29.3	
Chloroethane	50.6	2.00	"	50.0	ND	101	18.3-150	3.11	40	
Chloroform	50.4	2.00	"	50.0	ND	101	54.1-142	4.65	29.1	
Chloromethane	51.7	2.00	"	50.0	2.62	98.2	19.1-150	3.80	40	
1,1-Dichloroethane	52.2	2.00	"	50.0	ND	104	51.9-141	4.86	27.6	
1,2-Dichloroethane	49.9	2.00	"	50.0	ND	99.8	55.5-147	0.599	25.2	
1,1-Dichloroethene	46.6	2.00	"	50.0	ND	93.2	36.2-135	8.62	33.3	
cis-1,2-Dichloroethene	49.1	2.00	"	50.0	ND	98.2	53.1-146	4.58	29.2	

TestAmerica Analytical - Buffalo Grove

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Reviewed &  
Approved by:

*Andy Johnson*

Andy Johnson, Project Manager

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604201  
Reported: 04/24/06 11:00

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040385 - EPA 5030B (P/T)

Matrix Spike Dup (6040385-MSD1) Source: B604192-03RE1 Prepared: 04/19/06 Analyzed: 04/23/06

trans-1,2-Dichloroethene	51.0	2.00	ug/l	50.0	ND	102	53.7-131	7.91	32	
1,2-Dichloropropane	50.7	2.00	"	50.0	ND	101	60.6-137	0.981	26.8	
1,3-Dichloropropene (cis + trans)	96.8	2.00	"	100	ND	96.8	16.7-150	1.64	40	
Ethylbenzene	49.0	2.00	"	50.0	ND	98.0	62.8-133	3.21	40	
2-Hexanone	46.5	10.0	"	100	ND	46.5	11.6-148	1.28	40	
Methylene chloride	45.3	2.00	"	50.0	ND	90.6	33.8-150	16.0	36.8	
4-Methyl-2-pentanone	98.0	10.0	"	100	ND	98.0	12.1-150	2.02	40	
Methyl tert-butyl ether	50.0	2.00	"	50.0	ND	100	52.6-150	6.01	40	
Styrene	47.8	2.00	"	50.0	ND	95.6	48.8-144	2.28	40	
1,1,2,2-Tetrachloroethane	49.4	2.00	"	50.0	ND	98.8	56.8-150	0.806	25	
Tetrachloroethene	48.1	2.00	"	50.0	ND	96.2	50.8-136	2.87	40	
Toluene	47.1	2.00	"	50.0	0.510	93.2	57.9-131	2.52	38.7	
1,1,1-Trichloroethane	47.0	2.00	"	50.0	2.79	88.4	53.3-137	3.55	38.2	
1,1,2-Trichloroethane	51.8	2.00	"	50.0	ND	104	63.7-140	1.53	27.4	
Trichloroethene	47.9	2.00	"	50.0	ND	95.8	47.2-131	0.832	40	
Trichlorofluoromethane	38.3	2.00	"	50.0	ND	76.6	10.8-150	11.3	40	
Vinyl acetate	128	2.00	"	100	ND	128	10-150	0.00	40	
Vinyl chloride	48.5	2.00	"	50.0	ND	97.0	13-150	9.43	40	
Total Xylenes	144	4.00	"	150	ND	96.0	45.9-146	5.41	40	
Surrogate: Dibromofluoromethane	51.1		"	50.0		102	69.8-133			
Surrogate: 1,2-Dichloroethane-d4	50.5		"	50.0		101	61.2-141			
Surrogate: Toluene-d8	51.6		"	50.0		103	75.8-118			
Surrogate: 4-Bromofluorobenzene	52.1		"	50.0		104	68.9-123			

TestAmerica Analytical - Buffalo Grove

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Reviewed &  
Approved by:

*Andy Johnson*

Andy Johnson, Project Manager

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604201  
Reported: 04/24/06 11:00

## Notes and Definitions

QC	The result for one or more quality control measurements associated with this sample did not meet the laboratory and/or source method acceptance criteria.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
L	This quality control measurement is below the laboratory established limit.
H	This quality control measurement is above the laboratory established limit.
^	The laboratory is not NELAP accredited for this analyte by the indicated matrix and method.
^^	The State of Illinois Accrediting Authority does not offer NELAP accreditation for this analyte by the indicated matrix and method.

Note: All analytes, by matrix and method, are accredited following current NELAP standards unless specifically noted by way of a qualifier listed above.

TestAmerica--Buffalo Grove, IL Wisconsin DNR Certification Lab ID: 999917160  
TestAmerica--Buffalo Grove, IL NELAP Primary Accreditation: Illinois #100261  
TestAmerica--Buffalo Grove, IL NELAP Secondary Accreditation: New Jersey #IL001  
TestAmerica--Nashville, TN NELAP Secondary Accreditation: Illinois #200010  
TestAmerica--Dayton, OH NELAP Secondary Accreditation: Illinois #200008  
TestAmerica--Watertown, WI NELAP Primary Accreditation: Illinois #100453  
TestAmerica--Watertown, WI Wisconsin DNR Certification Lab ID: 128053530



TestAmerica Analytical - Buffalo Grove

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Reviewed &  
Approved by: Andy Johnson

Andy Johnson, Project Manager

1520 Kensington Road, Suite 204, Oak Brook, Illinois 60523-2139  
Phone: 630-993-2100 Fax: 630-993-9017

Date 4-13-06 Page 1 of 1

**PRESERVATIVE**

TAT: ☐ 24 hr. ☐ 48 hr. ☒ 1 wk. ☐ 2 wk. Reporting: ☐ Dry Weight ☐ Wet Weight

## COMMENTS

CONFIDENTIAL

Please note chain of custody 822015

\* Run metal analyses using methods with lowest reporting limit needed to meet TACO background concentrations and remediation objectives.

[illegible]

Relinquished by  
Collector:

Received by: 1.  
Signature: \_\_\_\_\_ Time: \_\_\_\_\_

Signature: \_\_\_\_\_ Time: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Date: \_\_\_\_\_

Company: UPC

Condition of Sample Containers:

\_\_\_\_\_

Relinquished by: 1.

Signature: Kimberly H. Date: 11/11/11  
Printed Name: \_\_\_\_\_

Officer Name: K. M. JANEAN Date: 4/1/2011

MPG

ers:

.....

Received by: 2.

ure: 10 Cat Time: 4:11

Name: Michael Vincent Date: 4/11/04  
 Address: 1000 1st St  
 City: San Francisco State: CA Zip: 94104  
 Phone: 415 774 1234

**Table 1**

[illegible]

Relinquished by: 2.

Signature: \_\_\_\_\_ Time: \_\_\_\_\_

Printed Name: Orlando J. Lopez Date: 4/14

Company

---

.....

Received by: (Job)

Signature: \_\_\_\_\_ Time: \_\_\_\_\_

ed Name: Date: 6-10/05

Category: 70

7

\_\_\_\_\_

27 April 2006

Lab ID: B604205

Kim Janson  
Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

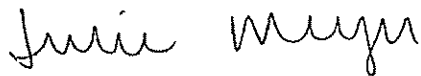
RE: Sachnoff & Weaver Phase II

Enclosed are the results of analyses for samples received by the laboratory on 04/14/06. The sample results relate only to the tested analytes of interest and to the sample as received by the laboratory. At the time of analysis, the laboratory was in compliance with current NELAP standards and held accreditation for all analyses performed unless noted by a qualifier. The laboratory's Illinois NELAP accreditation number is 100261.

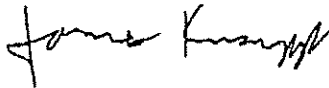
This report can not be reproduced, except in full, without written approval from the laboratory. If you have any questions concerning this report, please feel free to contact Jim Knapp or Margaret Kniest.

Sincerely,

**TestAmerica Analytical Testing Corporation**



Julie Meyer  
Laboratory Director



James Knapp  
Quality Assurance Manager



Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604205  
Reported: 04/27/06 14:02

## ANALYTICAL REPORT FOR SAMPLES


Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GP-11 (0-2)	B604205-01	Soil	04/14/06 14:12	04/14/06 16:30
GP-11 (4-6)	B604205-02	Soil	04/14/06 14:18	04/14/06 16:30
GP-11 (12-14)	B604205-03	Soil	04/14/06 14:39	04/14/06 16:30
Trip Blank	B604205-04	Water	04/14/06 00:00	04/14/06 16:30

### Sample Receipt Notes

Please note that the chain of custody (COC) included with this report is considered part of the report. The data user should review any comments or notes made on the COC. Any receipt issues found by the laboratory that are not noted on the COC will be stated below.

All sample container custody seals are intact.

TestAmerica Analytical - Buffalo Grove

Reviewed &  
Approved by: 

Margaret Kniest, Project Manager

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604205  
Reported: 04/27/06 14:02

## Volatile Organic Compounds by EPA Method 8260B

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GP-11 (0-2) (B604205-01) Soil Sampled: 04/14/06 14:12 Received: 04/14/06 16:30									QC
Acetone	ND	22.0	ug/kg dry	1	6040412	04/20/06	04/21/06	EPA 8260B	
Benzene	ND	4.40	"	"	"	"	"	"	
Bromodichloromethane	ND	4.40	"	"	"	"	"	"	
Bromoform	ND	4.40	"	"	"	"	"	"	
Bromomethane	ND	4.40	"	"	"	"	"	"	
2-Butanone	ND	8.81	"	"	"	"	"	"	
Carbon disulfide	ND	4.40	"	"	"	"	"	"	
Carbon tetrachloride	ND	4.40	"	"	"	"	"	"	
Chlorobenzene	ND	4.40	"	"	"	"	"	"	
Chlorodibromomethane	ND	4.40	"	"	"	"	"	"	
Chloroethane	ND	4.40	"	"	"	"	"	"	
Chloroform	5.89	4.40	"	"	"	"	"	"	
Chloromethane	ND	4.40	"	"	"	"	"	"	
1,2-Dichloroethane	10.1	4.40	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.40	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.40	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.40	"	"	"	"	"	"	
1,3-Dichloropropene (cis + trans)	ND	2.64	"	"	"	"	"	"	
Ethylbenzene	ND	4.40	"	"	"	"	"	"	
2-Hexanone	ND	8.81	"	"	"	"	"	"	
Methylene chloride	ND	4.40	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	8.81	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	4.40	"	"	"	"	"	"	
Styrene	ND	4.40	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	4.40	"	"	"	"	"	"	
Tetrachloroethene	ND	4.40	"	"	"	"	"	"	
Toluene	ND	4.40	"	"	"	"	"	"	
1,1,2-Trichloroethane	20.3	4.40	"	"	"	"	"	"	
Trichloroethene	17.9	4.40	"	"	"	"	"	"	
Trichlorofluoromethane	ND	4.40	"	"	"	"	"	"	
Vinyl acetate	ND	8.81	"	"	"	"	"	"	
Vinyl chloride	ND	4.40	"	"	"	"	"	"	
Total Xylenes	ND	8.81	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		94.5 %	55.9-150	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		115 %	47.5-150	"	"	"	"	"	
Surrogate: Toluene-d8		105 %	55.4-145	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	40.4-137	"	"	"	"	"	

TestAmerica Analytical - Buffalo Grove

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Reviewed &  
Approved by:

*Margaret Knies*

Margaret Knies, Project Manager

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604205  
Reported: 04/27/06 14:02

## Volatile Organic Compounds by EPA Method 8260B

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GP-11 (0-2) (B604205-01RE2) Soil Sampled: 04/14/06 14:12 Received: 04/14/06 16:30									QC
1,1-Dichloroethane	963	301	ug/kg dry	50	6040412	04/20/06	04/27/06	EPA 8260B	
1,1-Dichloroethene	716	301	"	"	"	"	"	"	
1,1,1-Trichloroethane	10800	301	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		99.7 %	40.7-150		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		148 %	44.3-150		"	"	"	"	
Surrogate: Toluene-d8		120 %	48.7-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		87.8 %	36.6-147		"	"	"	"	

GP-11 (12-14) (B604205-03RE1) Soil Sampled: 04/14/06 14:39 Received: 04/14/06 16:30									QC
Acetone	ND	20.5	ug/kg dry	1	6040412	04/20/06	04/23/06	EPA 8260B	
Benzene	ND	4.10	"	"	"	"	"	"	
Bromodichloromethane	ND	4.10	"	"	"	"	"	"	
Bromoform	ND	4.10	"	"	"	"	"	"	
Bromomethane	ND	4.10	"	"	"	"	"	"	
2-Butanone	ND	8.21	"	"	"	"	"	"	
Carbon disulfide	ND	4.10	"	"	"	"	"	"	
Carbon tetrachloride	ND	4.10	"	"	"	"	"	"	
Chlorobenzene	ND	4.10	"	"	"	"	"	"	
Chlorodibromomethane	ND	4.10	"	"	"	"	"	"	
Chloroethane	ND	4.10	"	"	"	"	"	"	
Chloroform	ND	4.10	"	"	"	"	"	"	
Chloromethane	ND	4.10	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.10	"	"	"	"	"	"	
1,2-Dichloroethane	ND	4.10	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.10	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.10	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.10	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.10	"	"	"	"	"	"	
1,3-Dichloropropene (cis + trans)	ND	2.46	"	"	"	"	"	"	
Ethylbenzene	ND	4.10	"	"	"	"	"	"	
2-Hexanone	ND	8.21	"	"	"	"	"	"	
Methylene chloride	ND	4.10	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	8.21	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	4.10	"	"	"	"	"	"	
Styrene	ND	4.10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	4.10	"	"	"	"	"	"	
Tetrachloroethene	ND	4.10	"	"	"	"	"	"	
Toluene	ND	4.10	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	4.10	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	4.10	"	"	"	"	"	"	
Trichloroethene	ND	4.10	"	"	"	"	"	"	
Trichlorofluoromethane	ND	4.10	"	"	"	"	"	"	

TestAmerica Analytical - Buffalo Grove

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Reviewed &  
Approved by:

*Margaret Knies*

Margaret Knies, Project Manager

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604205  
Reported: 04/27/06 14:02

## Volatile Organic Compounds by EPA Method 8260B


### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GP-11 (12-14) (B604205-03RE1) Soil Sampled: 04/14/06 14:39 Received: 04/14/06 16:30 QC									
Vinyl acetate	ND	8.21	ug/kg dry	1	6040412	04/20/06	04/23/06	EPA 8260B	
Vinyl chloride	ND	4.10	"	"	"	"	"	"	
Total Xylenes	ND	8.21	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		103 %	55.9-150		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		116 %	47.5-150		"	"	"	"	
Surrogate: Toluene-d8		101 %	55.4-145		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92.9 %	40.4-137		"	"	"	"	

Trip Blank (B604205-04) Water Sampled: 04/14/06 00:00 Received: 04/14/06 16:30 QC									
Acetone	ND	10.0	ug/l	1	6040385	04/19/06	04/20/06	EPA 8260B	
Benzene	ND	2.00	"	"	"	"	"	"	
Bromodichloromethane	ND	2.00	"	"	"	"	"	"	
Bromoform	ND	1.00	"	"	"	"	"	"	
Bromomethane	ND	2.00	"	"	"	"	"	"	
2-Butanone	ND	10.0	"	"	"	"	"	"	
Carbon disulfide	ND	2.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.00	"	"	"	"	"	"	
Chlorobenzene	ND	2.00	"	"	"	"	"	"	
Chlorodibromomethane	ND	2.00	"	"	"	"	"	"	
Chloroethane	ND	2.00	"	"	"	"	"	"	
Chloroform	ND	2.00	"	"	"	"	"	"	
Chloromethane	ND	2.00	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.00	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.00	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.00	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.00	"	"	"	"	"	"	
1,3-Dichloropropene (cis + trans)	ND	2.00	"	"	"	"	"	"	
Ethylbenzene	ND	2.00	"	"	"	"	"	"	
2-Hexanone	ND	10.0	"	"	"	"	"	"	
Methylene chloride	ND	2.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	10.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.00	"	"	"	"	"	"	
Styrene	ND	2.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.00	"	"	"	"	"	"	
Tetrachloroethene	ND	2.00	"	"	"	"	"	"	
Toluene	ND	2.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.00	"	"	"	"	"	"	
Trichloroethene	ND	2.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.00	"	"	"	"	"	"	

TestAmerica Analytical - Buffalo Grove

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Reviewed & Approved by: 

Margaret Kniest, Project Manager

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson


Lab ID: B604205  
Reported: 04/27/06 14:02

## Volatile Organic Compounds by EPA Method 8260B

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Trip Blank (B604205-04) Water Sampled: 04/14/06 00:00 Received: 04/14/06 16:30									QC
Vinyl acetate	ND	2.00	ug/l	1	6040385	04/19/06	04/20/06	EPA 8260B	
Vinyl chloride	ND	2.00	"	"	"	"	"	"	
Total Xylenes	ND	4.00	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		93.2 %		69.8-133	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		96.8 %		61.2-141	"	"	"	"	
Surrogate: Toluene-d8		100 %		75.8-118	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.2 %		68.9-123	"	"	"	"	

TestAmerica Analytical - Buffalo Grove

Reviewed & Approved by: 

Margaret Knies, Project Manager

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Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson


Lab ID: B604205  
Reported: 04/27/06 14:02

## Percent Solids

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GP-11 (0-2) (B604205-01) Soil Sampled: 04/14/06 14:12 Received: 04/14/06 16:30									
% Solids	83.1	0.200	%	1	6040331	04/17/06	04/18/06	EPA 5035 7.5	
GP-11 (12-14) (B604205-03) Soil Sampled: 04/14/06 14:39 Received: 04/14/06 16:30									
% Solids	88.3	0.200	%	1	6040301	04/17/06	04/17/06	EPA 5035 7.5	

TestAmerica Analytical - Buffalo Grove

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1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604205  
Reported: 04/27/06 14:02

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040385 - EPA 5030B (P/T)

#### Blank (6040385-BLK1)

Prepared: 04/19/06 Analyzed: 04/20/06

Acetone	ND	10.0	ug/l
Benzene	ND	2.00	"
Bromodichloromethane	ND	2.00	"
Bromoform	ND	1.00	"
Bromomethane	ND	2.00	"
2-Butanone	ND	10.0	"
Carbon disulfide	ND	2.00	"
Carbon tetrachloride	ND	2.00	"
Chlorobenzene	ND	2.00	"
Chlorodibromomethane	ND	2.00	"
Chloroethane	ND	2.00	"
Chloroform	ND	2.00	"
Chloromethane	ND	2.00	"
1,1-Dichloroethane	ND	2.00	"
1,2-Dichloroethane	ND	2.00	"
1,1-Dichloroethene	ND	2.00	"
cis-1,2-Dichloroethene	ND	2.00	"
trans-1,2-Dichloroethene	ND	2.00	"
1,2-Dichloropropane	ND	2.00	"
1,3-Dichloropropene (cis + trans)	ND	2.00	"
Ethylbenzene	ND	2.00	"
2-Hexanone	ND	10.0	"
Methylene chloride	ND	2.00	"
4-Methyl-2-pentanone	ND	10.0	"
Methyl tert-butyl ether	ND	2.00	"
Styrene	ND	2.00	"
1,1,2,2-Tetrachloroethane	ND	2.00	"
Tetrachloroethene	ND	2.00	"
Toluene	ND	2.00	"
1,1,1-Trichloroethane	ND	2.00	"
1,1,2-Trichloroethane	ND	2.00	"
Trichloroethene	ND	2.00	"
Trichlorofluoromethane	ND	2.00	"
Vinyl acetate	ND	2.00	"
Vinyl chloride	ND	2.00	"

TestAmerica Analytical - Buffalo Grove

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*Margaret Kniest*

Margaret Kniest, Project Manager

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604205  
Reported: 04/27/06 14:02

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040385 - EPA 5030B (P/T)

##### Blank (6040385-BLK1)

Prepared: 04/19/06 Analyzed: 04/20/06

Total Xylenes	ND	4.00	ug/l							
Surrogate: Dibromofluoromethane	48.2		"	50.0		96.4	69.8-133			
Surrogate: 1,2-Dichloroethane-d4	49.9		"	50.0		99.8	61.2-141			
Surrogate: Toluene-d8	50.8		"	50.0		102	75.8-118			
Surrogate: 4-Bromofluorobenzene	49.1		"	50.0		98.2	68.9-123			

##### LCS (6040385-BS1)

Prepared: 04/19/06 Analyzed: 04/21/06

Acetone	114	10.0	ug/l	100		114	10-150			
Benzene	49.9	2.00	"	50.0		99.8	66-127			
Bromodichloromethane	53.3	2.00	"	50.0		107	70.2-136			
Bromoform	50.7	1.00	"	50.0		101	44.6-150			
Bromomethane	65.4	2.00	"	50.0		131	10-150			
2-Butanone	100	10.0	"	100		100	10-150			
Carbon disulfide	104	2.00	"	100		104	10-150			
Carbon tetrachloride	42.1	2.00	"	50.0		84.2	56.1-137			
Chlorobenzene	49.8	2.00	"	50.0		99.6	75.3-123			
Chlorodibromomethane	54.3	2.00	"	50.0		109	66.5-140			
Chloroethane	66.8	2.00	"	50.0		134	30.4-150			
Chloroform	55.1	2.00	"	50.0		110	64.5-135			
Chloromethane	54.0	2.00	"	50.0		108	22-150			
1,1-Dichloroethane	56.7	2.00	"	50.0		113	57.6-140			
1,2-Dichloroethane	52.2	2.00	"	50.0		104	62-142			
1,1-Dichloroethene	51.1	2.00	"	50.0		102	49.4-128			
cis-1,2-Dichloroethene	54.4	2.00	"	50.0		109	69.2-134			
trans-1,2-Dichloroethene	53.0	2.00	"	50.0		106	57.6-135			
1,2-Dichloropropane	51.7	2.00	"	50.0		103	67.5-132			
1,3-Dichloropropene (cis + trans)	85.4	2.00	"	100		85.4	66.2-137			
Ethylbenzene	48.4	2.00	"	50.0		96.8	69.5-129			
2-Hexanone	50.0	10.0	"	100		50.0	10-150			
Methylene chloride	53.3	2.00	"	50.0		107	43.2-150			
4-Methyl-2-pentanone	106	10.0	"	100		106	27.2-150			
Methyl tert-butyl ether	56.4	2.00	"	50.0		113	66.8-141			
Styrene	50.9	2.00	"	50.0		102	65.6-134			
1,1,2,2-Tetrachloroethane	38.9	2.00	"	50.0		77.8	56-146			
Tetrachloroethene	47.6	2.00	"	50.0		95.2	61.9-133			
Toluene	48.0	2.00	"	50.0		96.0	70.5-123			

TestAmerica Analytical - Buffalo Grove

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Reviewed &  
Approved by:

*Margaret Kniest*

Margaret Kniest, Project Manager

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604205  
Reported: 04/27/06 14:02

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040385 - EPA 5030B (P/T)

LCS (6040385-BS1)				Prepared: 04/19/06		Analyzed: 04/21/06	
1,1,1-Trichloroethane	50.4	2.00	ug/l	50.0	101	60.1-137	
1,1,2-Trichloroethane	54.0	2.00	"	50.0	108	77-132	
Trichloroethene	56.2	2.00	"	50.0	112	65.3-132	
Trichlorofluoromethane	57.3	2.00	"	50.0	115	47.2-150	
Vinyl acetate	37.5	2.00	"	100	37.5	10-150	
Vinyl chloride	52.7	2.00	"	50.0	105	39.1-150	
Total Xylenes	152	4.00	"	150	101	64.4-131	
Surrogate: Dibromofluoromethane	54.3		"	50.0	109	69.8-133	
Surrogate: 1,2-Dichloroethane-d4	50.4		"	50.0	101	61.2-141	
Surrogate: Toluene-d8	51.4		"	50.0	103	75.8-118	
Surrogate: 4-Bromofluorobenzene	50.4		"	50.0	101	68.9-123	

Matrix Spike (6040385-MS1)				Source: B604192-03RE1		Prepared: 04/19/06		Analyzed: 04/23/06	
Acetone	108	10.0	ug/l	100	ND	108	10-150		
Benzene	50.4	2.00	"	50.0	ND	101	54.8-135		
Bromodichloromethane	51.5	2.00	"	50.0	ND	103	63-141		
Bromoform	45.6	1.00	"	50.0	ND	91.2	39.2-150		
Bromomethane	76.7	2.00	"	50.0	ND	153	10-150		H
2-Butanone	105	10.0	"	100	ND	105	10-150		
Carbon disulfide	108	2.00	"	100	ND	108	10-150		
Carbon tetrachloride	43.2	2.00	"	50.0	ND	86.4	50.4-138		
Chlorobenzene	49.2	2.00	"	50.0	ND	98.4	69.5-127		
Chlorodibromomethane	50.3	2.00	"	50.0	ND	101	61.9-141		
Chloroethane	52.2	2.00	"	50.0	ND	104	18.3-150		
Chloroform	52.8	2.00	"	50.0	ND	106	54.1-142		
Chloromethane	53.7	2.00	"	50.0	2.62	102	19.1-150		
1,1-Dichloroethane	54.8	2.00	"	50.0	ND	110	51.9-141		
1,2-Dichloroethane	50.2	2.00	"	50.0	ND	100	55.5-147		
1,1-Dichloroethene	50.8	2.00	"	50.0	ND	102	36.2-135		
cis-1,2-Dichloroethene	51.4	2.00	"	50.0	ND	103	53.1-146		
trans-1,2-Dichloroethene	55.2	2.00	"	50.0	ND	110	53.7-131		
1,2-Dichloropropane	51.2	2.00	"	50.0	ND	102	60.6-137		
1,3-Dichloropropene (cis + trans)	98.4	2.00	"	100	ND	98.4	16.7-150		
Ethylbenzene	50.6	2.00	"	50.0	ND	101	62.8-133		
2-Hexanone	47.1	10.0	"	100	ND	47.1	11.6-148		
Methylene chloride	53.2	2.00	"	50.0	ND	106	33.8-150		

TestAmerica Analytical - Buffalo Grove

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Approved by:

*Margaret Knies*

Margaret Knies, Project Manager

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
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Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604205  
Reported: 04/27/06 14:02

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040385 - EPA 5030B (P/T)

Matrix Spike (6040385-MS1) Source: B604192-03RE1 Prepared: 04/19/06 Analyzed: 04/23/06

4-Methyl-2-pentanone	100	10.0	ug/l	100	ND	100	12.1-150			
Methyl tert-butyl ether	53.1	2.00	"	50.0	ND	106	52.6-150			
Styrene	48.9	2.00	"	50.0	ND	97.8	48.8-144			
1,1,2,2-Tetrachloroethane	49.8	2.00	"	50.0	ND	99.6	56.8-150			
Tetrachloroethene	49.5	2.00	"	50.0	ND	99.0	50.8-136			
Toluene	48.3	2.00	"	50.0	0.510	95.6	57.9-131			
1,1,1-Trichloroethane	48.7	2.00	"	50.0	2.79	91.8	53.3-137			
1,1,2-Trichloroethane	52.6	2.00	"	50.0	ND	105	63.7-140			
Trichloroethene	48.3	2.00	"	50.0	ND	96.6	47.2-131			
Trichlorofluoromethane	42.9	2.00	"	50.0	ND	85.8	10.8-150			
Vinyl acetate	128	2.00	"	100	ND	128	10-150			
Vinyl chloride	53.3	2.00	"	50.0	ND	107	13-150			
Total Xylenes	152	4.00	"	150	ND	101	45.9-146			

Surrogate: Dibromofluoromethane	52.7		"	50.0		105	69.8-133			
Surrogate: 1,2-Dichloroethane-d4	50.8		"	50.0		102	61.2-141			
Surrogate: Toluene-d8	52.0		"	50.0		104	75.8-118			
Surrogate: 4-Bromofluorobenzene	51.7		"	50.0		103	68.9-123			

Matrix Spike Dup (6040385-MSD1) Source: B604192-03RE1 Prepared: 04/19/06 Analyzed: 04/23/06

Acetone	96.1	10.0	ug/l	100	ND	96.1	10-150	11.7	40	
Benzene	50.4	2.00	"	50.0	ND	101	54.8-135	0.00	31.9	
Bromodichloromethane	50.7	2.00	"	50.0	ND	101	63-141	1.57	28.2	
Bromoform	44.5	1.00	"	50.0	ND	89.0	39.2-150	2.44	29.3	
Bromomethane	59.2	2.00	"	50.0	ND	118	10-150	25.8	40	
2-Butanone	95.5	10.0	"	100	ND	95.5	10-150	9.48	40	
Carbon disulfide	101	2.00	"	100	ND	101	10-150	6.70	40	
Carbon tetrachloride	42.6	2.00	"	50.0	ND	85.2	50.4-138	1.40	35.1	
Chlorobenzene	48.6	2.00	"	50.0	ND	97.2	69.5-127	1.23	38.4	
Chlorodibromomethane	49.1	2.00	"	50.0	ND	98.2	61.9-141	2.41	29.3	
Chloroethane	50.6	2.00	"	50.0	ND	101	18.3-150	3.11	40	
Chloroform	50.4	2.00	"	50.0	ND	101	54.1-142	4.65	29.1	
Chloromethane	51.7	2.00	"	50.0	2.62	98.2	19.1-150	3.80	40	
1,1-Dichloroethane	52.2	2.00	"	50.0	ND	104	51.9-141	4.86	27.6	
1,2-Dichloroethane	49.9	2.00	"	50.0	ND	99.8	55.5-147	0.599	25.2	
1,1-Dichloroethene	46.6	2.00	"	50.0	ND	93.2	36.2-135	8.62	33.3	
cis-1,2-Dichloroethene	49.1	2.00	"	50.0	ND	98.2	53.1-146	4.58	29.2	

TestAmerica Analytical - Buffalo Grove

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Reviewed &  
Approved by:

*Margaret Kniest*

Margaret Kniest, Project Manager



Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604205  
Reported: 04/27/06 14:02

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040385 - EPA 5030B (P/T)

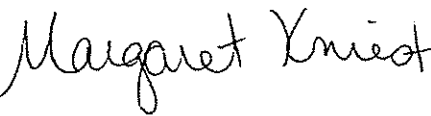
Matrix Spike Dup (6040385-MSD1)		Source: B604192-03RE1 Prepared: 04/19/06 Analyzed: 04/23/06								
trans-1,2-Dichloroethene	51.0	2.00	ug/l	50.0	ND	102	53.7-131	7.91	32	
1,2-Dichloropropane	50.7	2.00	"	50.0	ND	101	60.6-137	0.981	26.8	
1,3-Dichloropropene (cis + trans)	96.8	2.00	"	100	ND	96.8	16.7-150	1.64	40	
Ethylbenzene	49.0	2.00	"	50.0	ND	98.0	62.8-133	3.21	40	
2-Hexanone	46.5	10.0	"	100	ND	46.5	11.6-148	1.28	40	
Methylene chloride	45.3	2.00	"	50.0	ND	90.6	33.8-150	16.0	36.8	
4-Methyl-2-pentanone	98.0	10.0	"	100	ND	98.0	12.1-150	2.02	40	
Methyl tert-butyl ether	50.0	2.00	"	50.0	ND	100	52.6-150	6.01	40	
Styrene	47.8	2.00	"	50.0	ND	95.6	48.8-144	2.28	40	
1,1,2,2-Tetrachloroethane	49.4	2.00	"	50.0	ND	98.8	56.8-150	0.806	25	
Tetrachloroethene	48.1	2.00	"	50.0	ND	96.2	50.8-136	2.87	40	
Toluene	47.1	2.00	"	50.0	0.510	93.2	57.9-131	2.52	38.7	
1,1,1-Trichloroethane	47.0	2.00	"	50.0	2.79	88.4	53.3-137	3.55	38.2	
1,1,2-Trichloroethane	51.8	2.00	"	50.0	ND	104	63.7-140	1.53	27.4	
Trichloroethene	47.9	2.00	"	50.0	ND	95.8	47.2-131	0.832	40	
Trichlorofluoromethane	38.3	2.00	"	50.0	ND	76.6	10.8-150	11.3	40	
Vinyl acetate	128	2.00	"	100	ND	128	10-150	0.00	40	
Vinyl chloride	48.5	2.00	"	50.0	ND	97.0	13-150	9.43	40	
Total Xylenes	144	4.00	"	150	ND	96.0	45.9-146	5.41	40	
Surrogate: Dibromofluoromethane	51.1		"	50.0		102	69.8-133			
Surrogate: 1,2-Dichloroethane-d4	50.5		"	50.0		101	61.2-141			
Surrogate: Toluene-d8	51.6		"	50.0		103	75.8-118			
Surrogate: 4-Bromofluorobenzene	52.1		"	50.0		104	68.9-123			

#### Batch 6040412 - EPA 5035B (P/T)

Blank (6040412-BLK1)		Prepared: 04/20/06 Analyzed: 04/21/06								
Acetone	ND	25.0	ug/kg wet							
Benzene	ND	5.00	"							
Bromodichloromethane	ND	5.00	"							
Bromoform	ND	5.00	"							
Bromomethane	ND	5.00	"							
2-Butanone	ND	10.0	"							
Carbon disulfide	ND	5.00	"							
Carbon tetrachloride	ND	5.00	"							
Chlorobenzene	ND	5.00	"							

TestAmerica Analytical - Buffalo Grove

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Reviewed & Approved by: 

Margaret Kniest, Project Manager

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604205  
Reported: 04/27/06 14:02

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040412 - EPA 5035B [P/T]

#### Blank (6040412-BLK1)

Prepared: 04/20/06 Analyzed: 04/21/06

Chlorodibromomethane	ND	5.00	ug/kg wet							
Chloroethane	ND	5.00	"							
Chloroform	ND	5.00	"							
Chloromethane	ND	5.00	"							
1,1-Dichloroethane	ND	5.00	"							
1,2-Dichloroethane	ND	5.00	"							
1,1-Dichloroethene	ND	5.00	"							
cis-1,2-Dichloroethene	ND	5.00	"							
trans-1,2-Dichloroethene	ND	5.00	"							
1,2-Dichloropropane	ND	5.00	"							
1,3-Dichloropropene (cis + trans)	ND	3.00	"							
Ethylbenzene	ND	5.00	"							
2-Hexanone	ND	10.0	"							
Methylene chloride	ND	5.00	"							
4-Methyl-2-pentanone	ND	10.0	"							
Methyl tert-butyl ether	ND	5.00	"							
Styrene	ND	5.00	"							
1,1,2,2-Tetrachloroethane	ND	5.00	"							
Tetrachloroethene	ND	5.00	"							
Toluene	ND	5.00	"							
1,1,1-Trichloroethane	ND	5.00	"							
1,1,2-Trichloroethane	ND	5.00	"							
Trichloroethene	ND	5.00	"							
Trichlorofluoromethane	ND	5.00	"							
Vinyl acetate	ND	10.0	"							
Vinyl chloride	ND	5.00	"							
Total Xylenes	ND	10.0	"							
Surrogate: Dibromofluoromethane	45.2		"	50.0		90.4	55.9-150			
Surrogate: 1,2-Dichloroethane-d4	54.4		"	50.0		109	47.5-150			
Surrogate: Toluene-d8	51.5		"	50.0		103	55.4-145			
Surrogate: 4-Bromofluorobenzene	50.6		"	50.0		101	40.4-137			

TestAmerica Analytical - Buffalo Grove

Reviewed &  
Approved by:

*Margaret Kniest*

Margaret Kniest, Project Manager

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Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604205  
Reported: 04/27/06 14:02

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040412 - EPA 5035B [P/T]

#### LCS (6040412-BS1)

Prepared: 04/20/06 Analyzed: 04/21/06

Acetone	138	25.0	ug/kg wet	100		138	10-150			
Benzene	44.9	5.00	"	50.0		89.8	54.8-130			
Bromodichloromethane	46.2	5.00	"	50.0		92.4	55.7-137			
Bromoform	45.4	5.00	"	50.0		90.8	48.6-150			
Bromomethane	55.0	5.00	"	50.0		110	10-150			
2-Butanone	97.6	10.0	"	100		97.6	10-150			
Carbon disulfide	105	5.00	"	100		105	10-150			
Carbon tetrachloride	39.2	5.00	"	50.0		78.4	43.4-141			
Chlorobenzene	42.3	5.00	"	50.0		84.6	56.2-127			
Chlorodibromomethane	46.9	5.00	"	50.0		93.8	54.1-142			
Chloroethane	83.9	5.00	"	50.0		168	10-150			H
Chloroform	51.0	5.00	"	50.0		102	53.7-135			
Chloromethane	52.3	5.00	"	50.0		105	12.4-150			
1,1-Dichloroethane	52.4	5.00	"	50.0		105	47.4-139			
1,2-Dichloroethane	46.3	5.00	"	50.0		92.6	54.6-140			
1,1-Dichloroethene	50.6	5.00	"	50.0		101	35.5-135			
cis-1,2-Dichloroethene	49.5	5.00	"	50.0		99.0	52.5-136			
trans-1,2-Dichloroethene	51.7	5.00	"	50.0		103	47.8-133			
1,2-Dichloropropane	43.9	5.00	"	50.0		87.8	68.3-124			
1,3-Dichloropropene (cis + trans)	79.4	3.00	"	100		79.4	60.9-140			
Ethylbenzene	43.2	5.00	"	50.0		86.4	50.7-127			
2-Hexanone	51.8	10.0	"	100		51.8	10-150			
Methylene chloride	58.8	5.00	"	50.0		118	25.4-150			
4-Methyl-2-pentanone	111	10.0	"	100		111	10-150			
Methyl tert-butyl ether	49.6	5.00	"	50.0		99.2	47.3-150			
Styrene	38.8	5.00	"	50.0		77.6	48.3-127			
1,1,2,2-Tetrachloroethane	47.5	5.00	"	50.0		95.0	30.4-150			
Tetrachloroethene	42.3	5.00	"	50.0		84.6	46.7-131			
Toluene	42.2	5.00	"	50.0		84.4	53.6-127			
1,1,1-Trichloroethane	48.1	5.00	"	50.0		96.2	49.3-136			
1,1,2-Trichloroethane	48.9	5.00	"	50.0		97.8	57.2-146			
Trichloroethene	43.8	5.00	"	50.0		87.6	55-128			
Trichlorofluoromethane	55.9	5.00	"	50.0		112	10-150			
Vinyl acetate	56.2	10.0	"	100		56.2	10-150			
Vinyl chloride	54.0	5.00	"	50.0		108	28.4-150			

TestAmerica Analytical - Buffalo Grove

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Reviewed &  
Approved by:

*Margaret Kniest*

Margaret Kniest, Project Manager

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604205  
Reported: 04/27/06 14:02

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040412 - EPA 5035B [P/T]

##### LCS (6040412-BS1)

Prepared: 04/20/06 Analyzed: 04/21/06

Total Xylenes	129	10.0	ug/kg wet	150		86.0	43.1-136			
Surrogate: Dibromofluoromethane	59.5		"	50.0		119	55.9-150			
Surrogate: 1,2-Dichloroethane-d4	57.0		"	50.0		114	47.5-150			
Surrogate: Toluene-d8	52.0		"	50.0		104	55.4-145			
Surrogate: 4-Bromofluorobenzene	53.1		"	50.0		106	40.4-137			

##### LCS Dup (6040412-BSD1)

Prepared: 04/20/06 Analyzed: 04/21/06

Acetone	141	25.0	ug/kg wet	100		141	10-150	2.15	35	
Benzene	46.2	5.00	"	50.0		92.4	54.8-130	2.85	35	
Bromodichloromethane	48.4	5.00	"	50.0		96.8	55.7-137	4.65	31.6	
Bromoform	46.6	5.00	"	50.0		93.2	48.6-150	2.61	35	
Bromomethane	61.6	5.00	"	50.0		123	10-150	11.3	35	
2-Butanone	99.6	10.0	"	100		99.6	10-150	2.03	35	
Carbon disulfide	105	5.00	"	100		105	10-150	0.00	35	
Carbon tetrachloride	40.2	5.00	"	50.0		80.4	43.4-141	2.52	35	
Chlorobenzene	43.8	5.00	"	50.0		87.6	56.2-127	3.48	35	
Chlorodibromomethane	47.8	5.00	"	50.0		95.6	54.1-142	1.90	34	
Chloroethane	83.7	5.00	"	50.0		167	10-150	0.239	35	H
Chloroform	51.3	5.00	"	50.0		103	53.7-135	0.587	32.2	
Chloromethane	53.7	5.00	"	50.0		107	12.4-150	2.64	35	
1,1-Dichloroethane	52.8	5.00	"	50.0		106	47.4-139	0.760	35	
1,2-Dichloroethane	47.3	5.00	"	50.0		94.6	54.6-140	2.14	31.5	
1,1-Dichloroethene	49.6	5.00	"	50.0		99.2	35.5-135	2.00	35	
cis-1,2-Dichloroethene	49.6	5.00	"	50.0		99.2	52.5-136	0.202	32.9	
trans-1,2-Dichloroethene	52.1	5.00	"	50.0		104	47.8-133	0.771	35	
1,2-Dichloropropane	46.6	5.00	"	50.0		93.2	68.3-124	5.97	27.4	
1,3-Dichloropropene (cis + trans)	83.0	3.00	"	100		83.0	60.9-140	4.43	35	
Ethylbenzene	45.1	5.00	"	50.0		90.2	50.7-127	4.30	35	
2-Hexanone	54.5	10.0	"	100		54.5	10-150	5.08	35	
Methylene chloride	57.4	5.00	"	50.0		115	25.4-150	2.41	35	
4-Methyl-2-pentanone	115	10.0	"	100		115	10-150	3.54	35	
Methyl tert-butyl ether	49.4	5.00	"	50.0		98.8	47.3-150	0.404	35	
Styrene	39.8	5.00	"	50.0		79.6	48.3-127	2.54	35	
1,1,2,2-Tetrachloroethane	47.3	5.00	"	50.0		94.6	30.4-150	0.422	35	
Tetrachloroethene	43.8	5.00	"	50.0		87.6	46.7-131	3.48	35	
Toluene	44.5	5.00	"	50.0		89.0	53.6-127	5.31	35	

TestAmerica Analytical - Buffalo Grove

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Reviewed &  
Approved by:

*Margaret Knies*

Margaret Knies, Project Manager

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604205  
Reported: 04/27/06 14:02

## Volatile Organic Compounds by EPA Method 8260B - Quality Control

### TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 6040412 - EPA 5035B [P/T]

#### LCS Dup (6040412-BSD1)

Prepared: 04/20/06 Analyzed: 04/21/06

1,1,1-Trichloroethane	48.8	5.00	ug/kg wet	50.0		97.6	49.3-136	1.44	35	
1,1,2-Trichloroethane	50.5	5.00	"	50.0		101	57.2-146	3.22	30.2	
Trichloroethene	46.2	5.00	"	50.0		92.4	55-128	5.33	35	
Trichlorofluoromethane	55.8	5.00	"	50.0		112	10-150	0.179	35	
Vinyl acetate	61.3	10.0	"	100		61.3	10-150	8.68	35	
Vinyl chloride	57.5	5.00	"	50.0		115	28.4-150	6.28	35	
Total Xylenes	136	10.0	"	150		90.7	43.1-136	5.28	35	
Surrogate: Dibromofluoromethane	57.2		"	50.0		114	55.9-150			
Surrogate: 1,2-Dichloroethane-d4	57.6		"	50.0		115	47.5-150			
Surrogate: Toluene-d8	52.6		"	50.0		105	55.4-145			
Surrogate: 4-Bromofluorobenzene	52.9		"	50.0		106	40.4-137			

TestAmerica Analytical - Buffalo Grove

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Reviewed &  
Approved by:

*Margaret Kniest*

Margaret Kniest, Project Manager



Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604205  
Reported: 04/27/06 14:02

## Percent Solids - Quality Control TestAmerica Analytical - Buffalo Grove

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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### Batch 6040301 - General Prep

#### Blank (6040301-BLK1)

Prepared & Analyzed: 04/17/06

% Solids	ND	0.200	%
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#### Blank (6040301-BLK2)

Prepared & Analyzed: 04/17/06

% Solids	ND	0.200	%
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#### Duplicate (6040301-DUP1)

Source: B604199-03

Prepared & Analyzed: 04/17/06

% Solids	86.9	0.200	%	86.2	0.809	20
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#### Duplicate (6040301-DUP2)

Source: B604199-04

Prepared & Analyzed: 04/17/06

% Solids	79.5	0.200	%	79.2	0.378	20
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### Batch 6040331 - General Prep

#### Blank (6040331-BLK1)

Prepared: 04/17/06 Analyzed: 04/18/06

% Solids	ND	0.200	%
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#### Blank (6040331-BLK2)

Prepared: 04/17/06 Analyzed: 04/18/06

% Solids	ND	0.200	%
----------	----	-------	---

#### Duplicate (6040331-DUP1)

Source: B604175-09

Prepared: 04/17/06 Analyzed: 04/18/06

% Solids	86.8	0.200	%	88.6	2.05	20
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#### Duplicate (6040331-DUP2)

Source: B604205-01

Prepared: 04/17/06 Analyzed: 04/18/06

% Solids	83.0	0.200	%	83.1	0.120	20
----------	------	-------	---	------	-------	----

TestAmerica Analytical - Buffalo Grove

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Reviewed &  
Approved by:

*Margaret Kniest*

Margaret Kniest, Project Manager

Mostardi Platt Environmental  
1520 Kensington Road Suite 204  
Oak Brook, IL 60523-2139

Project: Sachnoff & Weaver Phase II  
Project Number: M061401  
Project Manager: Kim Janson

Lab ID: B604205  
Reported: 04/27/06 14:02

### Notes and Definitions

QC	The result for one or more quality control measurements associated with this sample did not meet the laboratory and/or source method acceptance criteria.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
L	This quality control measurement is below the laboratory established limit.
H	This quality control measurement is above the laboratory established limit.
^	The laboratory is not NELAP accredited for this analyte by the indicated matrix and method.
^^	The State of Illinois Accrediting Authority does not offer NELAP accreditation for this analyte by the indicated matrix and method.

Note: All analytes, by matrix and method, are accredited following current NELAP standards unless specifically noted by way of a qualifier listed above.

TestAmerica--Buffalo Grove, IL Wisconsin DNR Certification Lab ID: 999917160

TestAmerica--Buffalo Grove, IL NELAP Primary Accreditation: Illinois #100261

TestAmerica--Buffalo Grove, IL NELAP Secondary Accreditation: New Jersey #IL001

TestAmerica--Nashville, TN NELAP Secondary Accreditation: Illinois #200010

TestAmerica--Dayton, OH NELAP Secondary Accreditation: Illinois #200008

TestAmerica--Watertown, WI NELAP Primary Accreditation: Illinois #100453

TestAmerica--Watertown, WI Wisconsin DNR Certification Lab ID: 128053530



TestAmerica Analytical - Buffalo Grove

Reviewed &  
Approved by:

*Margaret Knies*

Margaret Knies, Project Manager

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**MODFARM PLANT ENVIRONMENTAL**  
1520 Kensington Road, Suite 204, Oak Brook, Illinois 60523-2139  
Phone: 630-993-2100 Fax: 630-993-9817

1520 Kensington Road, Suite 204, Oak Brook, Illinois 60523-2139  
Phone: 630-993-2100 Fax: 630-993-9917

Date 4/14/06

.....

Mr.: Kim Jansch

5: K. M. Jensen

[illegible]

.....

Wet Weight ☐ Wet Weight

5

Stubs

needed to meet TACO

[illegible]

2.	Relinquished by: 2.	Received by: (lab)
ne: 630	Signature:	Signature:
6/1/40	Date:	Date:
	Printed Name:	Printed Name:
	Company:	Laboratory: